

20010803.qrp v02_n270.qrl.20010803

Date: Fri, 3 Aug 2001 19:03:10 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 2270

QRP-L Digest 2270

Topics covered in this issue include:

- 1) [104070] [NJQRP] [HB][CONTEST]QRP Spring Homebrewer Prizes & Awards
by Ken Newman <N2CQ@citnet.com>
- 2) [104071] [NJQRP] 60m Band!!!
by "Dennis Ponsness" <wb0wao@hotmail.com>
- 3) [104072] [NJQRP] Manhattan Hombrewing Starter Kit
by "George Heron N2APB" <n2apb@erols.com>
- 4) [104073] RE: Miracle Whip
by <baltimoremd@baltimoremd.com>
- 5) [104074] Ten Tec kits on sale
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 6) [104075] Further Ten Tec pricing and offer
by "Stuart Rohre" <rohre@arlut.utexas.edu>
- 7) [104076] Re:receiver kit
by John Farler <jfarler@peoplepc.com>
- 8) [104077] The DXCC BLUES
by "Walt Amos" <k8cv@netzero.net>
- 9) [104078] Re: [qrpat] QRP DXCC
by "tmyers" <tmyers@academicPlanet.com>
- 10) [104079] LifeSaver Cores.....Seriously.....Sort-of
by "Dennis Payton" <dpayton@fwi.com>
- 11) [104080] NE QRP Meeting at ARRL Headquarters Saturday
by "Doug Hendricks" <ki6ds@dospalos.org>
- 12) [104081] Switching email help
by Shephed@aol.com
- 13) [104082] [NJQRP] [CONTEST]QRP Contest Calendar July 26/31
by Ken Newman <N2CQ@citnet.com>
- 14) [104083] re: KBT1 Builder Alert: Protective Sleeve - Photos
by "N7SG K7FD" <k7fd@hotmail.com>
- 15) [104084] FOX -- Got Paul, Can't Hear Jim...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 16) [104085] FOX Found Jim
by "Karl F. Larsen" <k5di@zianet.com>
- 17) [104086] FOX: 20 in good shape in Florida
by "Tom" <n1tp@worldnet.att.net>
- 18) [104087] milliwatts..... sometimes a hit !!!
by "George Osier" <gosier@twcnny.rr.com>
- 19) [104088] FOX: whoops

- by John Wagner <john@neknetwork.com>
- 20) [104089] Is there a FAQ for this group?
by "Jay Taylor" <lists@hti-inc.com>
- 21) [104090] al7fs??
by Paul Womble <pwomble1@tampabay.rr.com>
- 22) [104091] Re: Yo-Yo-Tenna/dipole
by "Nick Yokanovich" <k3ny@cablespeed.com>
- 23) [104092] Re: LifeSaver Cores.....Seriously.....Sort-of
by "Steven Weber" <kd1jv@moose.ncia.net>
- 24) [104093] Re: al7fs??
by "George, W5YR" <w5yr@att.net>
- 25) [104094] AL7FS
by "Tom" <n1tp@worldnet.att.net>
- 26) [104095] Re: [Elecraft] re: KBT1 Builder Alert: Protective Sleeve - Photos
by Phil Wheeler <w7ox@earthlink.net>
- 27) [104096] Re: Is there a FAQ for this group?
by "Rod Cerkoney, N0RC" <rod@n0rc.com>
- 28) [104097] Fox -- No AK Tonight, I Reckon...
by Todd Enders <enders@bolshoi.cc.misu.nodak.edu>
- 29) [104098] Re: whoops
by "K3NG" <k3ng@fast.net>
- 30) [104099] Re: [Elecraft] re: KBT1 Builder Alert: Protective Sleeve - Photos
by Phil Wheeler <w7ox@earthlink.net>
- 31) [104100] LifeSaver Cores
by W2SH@aol.com
- 32) [104101] RE: Air Core Toroids - self shielded ?
by jacksonharbor@att.net
- 33) [104102] Foxes and the power company
by KB7WW Art Moe <kb7ww@uswest.net>
- 34) [104103] Fox- K4FB report
by Paul Womble <pwomble1@tampabay.rr.com>
- 35) [104104] Fox{
by Pete Burbank <plburbank@kih.net>
- 36) [104105] Re: [qrpat] QRP DXCC
by Kr01a@aol.com
- 37) [104106] Solar charge controllers?
by John Rollins <kd7bcy@teleport.com>
- 38) [104107] Re: [qrpat] QRP DXCC - message sent in error
by Kr01a@aol.com
- 39) [104108] Another BIG ANTENNA, NO storm static discharge story
by "Adrian Weiss" <aweiss@usd.edu>
- 40) [104109] Re: [qrpat] QRP DXCC
by Bruce Muscolino <w6toy@erols.com>
- 41) [104110] Test for echo!
by "Daniel Shepherd" <n8ie@woh.rr.com>
- 42) [104111] Re: Solar charge controllers?
by neil <wa4chq@qsl.net>
- 43) [104112] OT: call sign change de ex KB1ENS

by John Wagner <john@neknetwork.com>
44) [104113] RE: Miracle Whip
by "John L. Sielke" <w2agn@pobox.com>
45) [104114] Lighthouse QRP
by "Al Gritzmacher " <ae2t@arrl.net>
46) [104115] ARRL QRP DXCC Award
by "Dennis Ponsness" <wb0wao@hotmail.com>
47) [104116] Re: Solar charge controllers?
by "Lee S. Mairs" <lmairs@cox.rr.com>
48) [104117] FOX: CUB FOX HUNT N0IT - FINAL LOG
by Dave Sjolín <sjolin@swbell.net>
49) [104118] FW: ARLP032 Propagation de K7VVV
by "Ed Tanton N4XY" <n4xy@att.net>
50) [104119] QRP Photon Source
by igeq100@iupui.edu
51) [104120] Re: [GQRP] CQ QRP
by George Gingell <k3tks@u1.abs.net>
52) [104121] Re: [GQRP] CQ QRP
by lhlousek <lhlousek@nvbell.net>
53) [104122] W1RFI's personal views on QRP DXCC and how to proceed from here
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
54) [104123] Re: [GQRP] CQ QRP
by John Wagner <john@neknetwork.com>
55) [104124] Re: W1RFI's personal views on QRP DXCC and how to proceed from here
by Phil Wheeler <w7ox@earthlink.net>
56) [104125] Manhattan Homebrewing Starter Kit ???
by Wayne <aa5jj@swbell.net>
57) [104126] Re: [GQRP] CQ QRP
by lhlousek <lhlousek@nvbell.net>
58) [104127] Re: [GQRP] CQ QRP
by "George, W5YR" <w5yr@att.net>
59) [104128] History of Early Radio
by "Robert M. Kimbrell" <kimbrell@SDF.lonestar.org>
60) [104129] Don't Miss The SPARTAN SPRINT ON MONDAY!
by Russ Carpenter <russ@natworld.com>
61) [104130] Re: History of Early Radio
by Phil Wheeler <w7ox@earthlink.net>
62) [104131] Summer Daze Dry Run
by Kenneth Hoglund <hoglund@wfu.edu>
63) [104132] Re: [GQRP] CQ QRP
by lhlousek <lhlousek@nvbell.net>
64) [104133] Paris - the most romantic city in the world
by "Steve Farthing" <stephen@stevef.demon.co.uk>
65) [104134] RE: W1RFI's personal views on QRP DXCC and how to proceed from here
re
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
66) [104135] Re: Paris - the most romantic city in the world
by Phil Wheeler <w7ox@earthlink.net>

- 67) [104136] Re: W1RFI's personal views on QRP DXCC and how to proceed from here
by Phil Wheeler <w7ox@earthlink.net>
 - 68) [104137] Re: [GQRP] CQ QRP
by "George, W5YR" <w5yr@att.net>
 - 69) [104138] FOX: CQ FOX was: Re: [GQRP] CQ QRP
by John Wagner <john@neknetwork.com>
 - 70) [104139] Reality
by "Karl F. Larsen" <k5di@zianet.com>
 - 71) [104140] Homebrew Dials (again)
by "John J. McDonough" <wb8rcr@arrl.net>
 - 72) [104141] Re: [GQRP] CQ QRP
by lhlousek <lhlousek@nvhbell.net>
 - 73) [104142] Re: [GQRP] CQ QRP
by "George, W5YR" <w5yr@att.net>
 - 74) [104143] Re: Homebrew Dials (again)
by "Mark J. Dulcey" <mark@buttery.org>
 - 75) [104144] SHORT VERTICALS: Point of earlier post
by ARDUJENSKI@aol.com
 - 76) [104145] RE: Homebrew Dials (again)
by <schoon@amgt.com>
 - 77) [104146] Fox #12 AL7FS Preliminary Log (Long)
by Jim Larsen AL7FS <AL7FS@pobox.alaska.net>
 - 78) [104147] Re: Homebrew Dials (again)
by Bob Nielsen <nielsen@oz.net>
 - 79) [104148] reminder: QRP from NM's highest peak
by BruceAA5B@aol.com
 - 80) [104149] Apartment antenna ideas?
by Scott Ehrlich <se@panix.com>
 - 81) [104150] RE: Apartment antenna ideas?
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
 - 82) [104151] Re: Apartment antenna ideas?
by ARDUJENSKI@aol.com
 - 83) [104152] CQ magazine and QRP
by ARDUJENSKI@aol.com
 - 84) [104153] WTB MFJ Cub
by "Pete Milsom" <pete.milsom@virgin.net>
 - 85) [104154] Re: Apartment antenna ideas?
by Phil Wheeler <w7ox@earthlink.net>
 - 86) [104155] Re: Homebrew Dials (again)
by "John J. McDonough" <wb8rcr@arrl.net>
 - 87) [104156] QRP-DXCC Final Post
by "Kenneth Evans" <w4du@mediaone.net>
 - 88) [104157] RE: Homebrew Dials (again)
by <schoon@amgt.com>
 - 89) [104158] Re: Solar charge controllers?
by "blinn" <blinn@smgazette.com>
-

Date: Tue, 24 Jul 2001 21:04:31 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@lehigh.edu, QRP-L@lehigh.edu, njqrp@njqrp.org, n9avg@amsat.org
Subject: [104070] [NJQRP] [HB][CONTEST]QRP Spring Homebrewer Prizes & Awards
Message-ID: <3.0.6.32.20010724210431.00829e80@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Sprint Participants,

The NJQRP has completed the Spring Homebrewer Sprint Awards and Prizes. Take a look at <http://www.njqrp.org/qhbsprint/qrphomebrewerssprintresults.html> to see what you won! Our #1 man at NJQRP has prepared your awards for you to download and print these beautiful certificates. George Heron, N2APB did the above work on the club website which he is also the Webmeister as well. As you know, George is also the publisher of the "QRP Homebrewer Magazine" and some of you will receive a subscription he will be sending. One more thing George will send some the NJQRP Kits including the Warbler 80 and the new QRP Homebrewing Starter Kit to some of you . By the way, I must mention that George recently received the QST Cover Plaque as the co-author on the Warbler.

Enjoy the kits and show off the awards, Guys!

72 de
Ken Newman - N2CQ == QRP CONTEST CALENDAR ==
Woodbury, NJ <http://www.njqrp.org/data/contesting.html>
FM29jt
N2CQ@ARRL.NET

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and put the text "unsubscribe njqrp" in the message. To post a
message to the list, send email to njqrp@njqrp.org.

Date: Wed, 25 Jul 2001 09:46:54 +0000
From: "Dennis Ponsness" <wb0wao@hotmail.com>
To: njqrp@njqrp.org, qrp-l@lehigh.edu
Subject: [104071] [NJQRP] 60m Band!!!
Message-ID: <F27dutox7nyeKzGZuNY00005dce@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

KEWL!!!! Looks like we will get a new band to play on in the future (I hope). I know that a 5 MHz band allocation is a topic at WARC 2003, so, hopefully if the FCC allows it, some other countries will too! Just wonder how long it may take to get it. One thing I did find "interesting" was a line at the bottom of the article that the board met "informally" with one of the FCC honchos. Hmmmm, could this be a done deal???? Now I have to start saving up for a SW-60+, hi hi

Dennis - WB0WAO

P.S. - Time to get on 30m now, with a separate DXCC for that and it counting for DXCC Challenge, there will be a LOT of DX there now!!! <grin>

Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

===== NJ QRP Club Mailing List =====
To unsubscribe from this list, send email to listserver@applegate.org and put the text "unsubscribe njqrp" in the message. To post a message to the list, send email to njqrp@njqrp.org.

Date: Mon, 23 Jul 2001 23:27:11 -0400
From: "George Heron N2APB" <n2apb@erols.com>
To: "EPAQRP" <epaqrp-l@lehigh.edu>, "QRP-L" <qrp-l@lehigh.edu>
Cc: "NJQRP" <NJQRP@njqrp.org>
Subject: [104072] [NJQRP] Manhattan Hombrewing Starter Kit
Message-ID: <007401c113f0\$8ceff760\$dac03ad0@ghlpt4>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Announcing: the "NJQRP Manhattan Homebrewing Starter Kit".

A couple of us local QRPers came back from Dayton this past May with a reasonable stock of good quality, double-sided, 1/16" pcb material. We bought as many big sheets of this stuff as we could push along in a shopping cart through torrential rain back to my truck, bloodied our fingers from handling it all, and ripped the upholstery that it rubbed against during the trip back home. (This is all true and it was quite an adventure, but its another story :-)

Anyway, it was a good deal and we figured we'd find a way for QRPers

to use this stuff. So with all the talk here on the lists about where to get boards and how exorbitant the prices are, we scratched our respective heads and came up with ...

"The NJQRP Manhattan Homebrewing Starter Kit"

- 1) 2 boards 6" x 9" (e.g., nice for base and panels boards of Boy Scout Regen Receiver in QHB #4)
- 2) 4 boards 3" x 4.5" (good for those smaller projects, like an RF amp, audio amp,
- 3) 5 assorted small scrap pieces (good for creating braces, standoffs, punched pads, etc)
- 4) 4 thin 3/16" x 6" strips (snip off in 1/8" increments to create about 200 Manhattan Pads)
- 5) 1 small tube of Elmer's Super Glue (2 grams ... enough to attach several hundred pads)
- 6) 1 Scotch-Brite abrasive pad (for board cleaning)
- 7) The "Manhattan-Style Homebrewing Guide" (some 20 pages of instruction, recommended tools, photo examples from experts such as Jim Kortge and Chuck Adams, and simple practical example projects.)

PRICE: \$10.00 shipped to your doorstep. (In the case of DX orders, please add \$3 for overseas shipments.)

ORDERING: We're shipping now. Supplies are limited and we won't be able to offer the Starter Kit forever, so place your order as soon as possible. As usual, write a check or M.O. payable to "George Heron, N2APB and send to:

George Heron, N2APB
2419 Feather Mae Court
Forest Hill, MD 21050

Also per usual, for fast and painless ordering we accept payments by way of PAYPAL (<http://www.paypal.com>) ... once your account is established with them by using your credit card, just specify payment to me at my email address: n2apb@amsat.org

Okay, we hope QRP homebrewers will take advantage of this deal - and we think you'll agree that it is indeed a deal - and get a Manhattan Homebrewing Starter Kit soon. It's a convenient way to get started making some of these projects you've seen in each issue of QRP Homebrewer, on QRP-L and even in QST. Just add your favorite components, melt some solder and you'll be in business!

73, George N2APB n2apb@amsat.org
and Joe N2CX n2cx@voicenet.com
for the NJQRP Club at <http://www.njqrp.org>

PS: We have a really neat announcement coming up when the next issue of QHB

hits the streets next week. Goes hand-in-hand with this Starter Kit. Homebrewers will really like it. Can't say anymore at the moment.

PPS: As mentioned, QRP Homebrewer #6 is in the final stages of editing and will be going to the printer this week. It's a *fabulous* issue containing 12 different projects concerning antennas, PSK31, debugging, equipment, homebrewing, pcb's, and more. We know you'll like this issue! (But only if you've recently renewed ... many subscriptions ran out with the last issue. Check your last mailing label to see if you have any issues remaining in your subscription, or ask me for your QHB status.)

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Date: Thu, 2 Aug 2001 20:02:40 -0400 (EDT)
From: <baltimoreemd@baltimoreemd.com>
To: wb2vuo@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [104073] RE: Miracle Whip
Message-ID: <Pine.BSI.4.05L.10108021957040.6514-100000@vh1.min.net>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 2 Aug 2001 wb2vuo@juno.com wrote:

> After all of these posts about Miracle Whip, I found myself in the
> kitchen fixing a tuna salad sandwich.
>
> Anyone else hungry?

In the true QRP spirit, the stuff you mix with the tuna should be home-made, rather than something factory made.

Wonder which vendor will have the first Salad Dressing kit? Will the FCC rule that you can't use the dressing with an external holder? Will we see debates about on toast vs plain?

Weighty stuff

Thom

baltimoremd@baltimoremd.com
<http://www.baltimoremd.com/>
<http://www.baltimorehon.com/>
<http://www.zerobeat.net>

Thom LaCosta K3HRN Webmaster
Baltimore's Home Page
Home of the Baltimore Lexicon
Home of The QRP Web Ring
and Drake Mail List Pages

Date: Thu, 2 Aug 2001 18:32:01 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [104074] Ten Tec kits on sale
Message-ID: <011a01c11bab\$545fb300\$4e100a0a@rohredt2000>

Ten Tec is running a promotion on their QRP Transceivers. It was announced on their web site and the tentec@constesting.com Ten Tec list.

Regularly \$95 transceiver kits are now \$84, I believe it was.
No connection to them except as owner of Ten Tec fine kits and rigs. (Scout, 505 and Power Mite)
if you don't already have their web site bookmarked, go to www.google.com and enter Ten Tec as keywords and you will get there.

72,
Stuart K5KVH

Date: Thu, 2 Aug 2001 18:37:23 -0500
From: "Stuart Rohre" <rohre@arlut.utexas.edu>
To: <qrp-1@Lehigh.EDU>
Subject: [104075] Further Ten Tec pricing and offer
Message-ID: <012001c11bac\$14861160\$4e100a0a@rohredt2000>

I hit a 4 when the price per transceiver kit is reduced to \$83. That is for all models 15 m and down to 80m.

If you do not want to take that offer, they will sell you a keyer with the transceiver kit for \$95, which was the price for transceiver alone before this promotion.

they have some other deals: If you buy their built up rigs including the new 6n2 transceiver, you get a Buck Master Call Book CD ROM.

72,
Stuart K5KVH

Date: Fri, 13 Jul 2001 12:31:06 -0400
From: John Farler <jfarler@peoplepc.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [104076] Re:receiver kit
Message-ID: <3B4F224A.5CF04220@peoplepc.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The MFJ regenerative receiver kit has been sold. Thanks for all the interest....\

73, John, K4AVX

Date: Thu, 2 Aug 2001 12:11:51 -0400
From: "Walt Amos" <k8cv@netzero.net>
To: "List Qrp-l" <qrp-l@lehigh.edu>
Subject: [104077] The DXCC BLUES
Message-ID: <000001c11bb1\$5a2f5fa0\$069c9840@NetZeroUser>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Qrp folks:

" I must have a grp DXCC " soon !

[illegible]

Why won't those RATS at ARRL send me a DXCC for qrp? You don't think they know I only use my FT-1000MP now and then, well only for DX , as 5 watts is sure not enough with my TH7DX at 60 feet! (what's that, about 10 dbd ?) Gosh, I don't cheat much, just a little, now and then, some, like ALL THE REST , you know who you are, come on out of the closet and be spit on with me ! Oh, how qrpers hate the smell of a HOT AMPLIFIER :-)

[illegible]

I want my DXCC now !! But soon soon my
ELECRAFT will have a new top cover, yeah, and then you better look out
..... :-) SMOKIN YEAH !!

Me and my ELECRAFT, that the big boys threw rocks at , well equalize them
guys now !!

WAAA

I want my DXCC now !

What, you say the FCC will never type accept that nice top cover.
:-(((oh, no, tell me it isn't true

Walt K8CV Royal Oak, MI

NetZero Platinum
Sign Up Today - Only \$9.95 per month!
<http://my.netzero.net/s/signup?r=platinum&refcd=PT97>

Date: Thu, 2 Aug 2001 19:24:21 -0500
From: "tmyers" <tmyers@academicPlanet.com>
To: <w1rifi@arrl.org>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [104078] Re: [qrpat] QRP DXCC
Message-ID: <002301c11bb2\$a5b33b80\$1600a8c0@newkid>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have to agree with this.

The way it looks to me is that we have it all. Work the 100 countries
at QRP levels. Get the cards reviewed and a letter written to ARCI and
get their award. Take the same set of cards. Have them checked by the
ARRL and get their award. As others who know what DXCC is get to know
you, they will sooner or later ask how you did it or why you did it.
Then you tell them. Really what we are doing is playing with two
different "peer" groups.

I my case it is too late to do it exactly that way. I'll explain.
After many years and getting asked "Why don't you have DXCC?", I just

reached into the box of QSLs in the shack (some 100W and some <5W) and got enough QSL to do it. Had them reviewed by an ARRL card checker and paid the fee. Now DXCC is on my wall. Last Fall after building the K2 and being surprised by some DX contacts. I set out to work DXCC using ARCI rules (5W for CW and 10W for SSB). I can report that I have 79 countries confirmed and about 50 QSLs outstanding. I could get there within a year. Also to date I have 43 countries confirmed that were not in the original group I sent to the ARRL. When I get to 50, I will most likely upgrade my ARRL DXCC to reflect the change. FWIW, I am using the same yagi and tower (20 years plus TH5DX) but better wire antennas.

On the power issue, some countries have license classes that only allow a maximum of 5W. While on the other hand, some countries have a maximum of something between 400W and as much as you can buy or get by with.

For me it is a fun thing. Yes, it is nice to get a piece of wallpaper once in a while to show off with, but it still is a personal challenge to me. Along that line, two years ago I set out to work WAS 2xQRP using QRP kits I built. My report on that is: I still need WV and DE. In fact I have needed them exclusively for almost a year. The WAS goal seems more difficult than DXCC because the DX cluster made contacts easier to find (not make). The QRP-L Fox Hunt helped both efforts.

I'm not much of a joiner, however I do belong to ARRL, ARCI and NORCAL as well as this list. The goal in each membership is the same. These are the areas of my interests and I want the current information. I do NOT have an interest in ALL that any of these organizations offer, so I take the BEST of each and leave the REST. Personally I like it best when there is a difference. I have found that many others often have great ideas and I can use them for what I want to do.

I am off of the soap box.

KQ5U, Terry
Spring, Texas

----- Original Message -----

From: Hare,Ed, W1RFI <w1rfi@arrl.org>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, August 02, 2001 3:51 PM

Subject: RE: [qrp-l] QRP DXCC

> > The essential issue seems to be the League's dedication to the concept

> > of knowing how much power both stations are using.

>

> Actually, Bruce, I think you have said it exactly backwards. The
ARRL's
> position is that DXCC is irrelevant to the power being used. The only
> presumption is that the station is operating within the operating
parameters
> of his or her administration, and it is that administration, not the
ARRL,
> that is the ultimate arbitrator of that. If someone in the US were to
lose
> their FCC license because they were caught running more than the legal
> limit, chances are they would lose their DXCC. But that principle
does not
> apply at 5 watts -- no one would be cited by the FCC for running 6
watts, so
> the principle of deference to the rules of the governing nation does
not
> apply. I personally would not want to see ARRL given the authority to
> enforce FCC rules or the rules of other nations.
>
> 73,
> Ed Hare, W1RFI
>
>
>
> > -----Original Message-----
> > From: Bruce Muscolino [mailto:w6toy@erols.com]
> > Sent: Thursday, August 02, 2001 4:12 PM
> > To: Low Power Amateur Radio Discussion
> > Subject: Re: [qrpat] QRP DXCC
> >
> >
> > Dave,
> >
> > Like you I am an ARRL member, have been for 30 years now
> > continuously.
> > In fact I am a Life Member (what better way is there to not
> > to forget to
> > renew!). I am also a QRP ARCI member though inactive at the
present.
> > Unlike you I do work DX. I have completed DXCC twice, once as
PA3AIC
> > form The Netherlands, and once as W6TOY. I have not applied for the
> > award though!
> >
> > The essential issue seems to be the League's dedication to the
concept
> > of knowing how much power both stations are using. With QRO
> > it does not

> > matter. You are running 100 watts or 1000 watts. The other
> > station is
> > running what ever he wants. You make the QSO and exchange QSL's.
No
> > one even cares how much power you are running.
> >
> > BUT, QRPers are hung up on the idea that others should
> > believe that both
> > stations are running 5 watts or less, and they want everyone to
accept
> > this with no objective evidence except the writing on a QSL card!
The
> > League has never accepted this argument, NEVER. If they can't prove
> > objectively that both stations are running less than 5 watts
> > they won't
> > endorse the award!
> >
> > The current officers, and members, of the QRP ARCI have
> > raised this old
> > canard from the dead and are trying to say the League is
> > being unfair to
> > QRPers. The League is not being unfair to QRPers, they are being
fair
> > to everyone!
> >
> > 73
> >
>

Date: Thu, 2 Aug 2001 20:07:59 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [104079] LifeSaver Cores.....Seriously.....Sort-of
Message-ID: <000b01c11bb8\$bdcdd440\$0ea854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was wishing that air-core inductors didn't require so much space, so I could more easily use one in a VFO I'm building, and I got to wondering, are toroids self-shielding only because of their shape? I decided to try an experiment to find out.

On the way home from work I stopped and bought a roll of wintergreen

Lifesavers to use as forms. I need about 1.8 uh for the VFO I'm building and found that 38 turns of #26 wire on a Lifesaver gave me just that. I tinned the wires, then soldered a 4.7 M resistor across them, mounting it tightly against the bottom of the Lifesaver for mechanical stability. Next I coated the inside and sides of the core with Q-dope, trying to leave the outside of it exposed.

After it dried, I tossed it in a pan of boiling water and boiled it until the Lifesaver was gone, which also annealed the wire, and it came out as well as I'd hoped. It's very light and appears to be durable. And initial tests are encouraging. Neither slipping it inside a small foil box, nor sandwiching it between two pieces of board material appears to have much of an affect on the inductance, maybe .005 uh. Does anybody have a comment? If air cores like this are self-shielding, most people probably already know it, but it's a new one for me.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Thu, 2 Aug 2001 21:19:08 -0400
From: "Doug Hendricks" <ki6ds@dospalos.org>
To: <qrp-l@lehigh.edu>
Subject: [104080] NE QRP Meeting at ARRL Headquarters Saturday
Message-ID: <200108030120.f731KFC18841@quince.dospalos.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Guys I got lucky and just happened to plan my vacation so that it coincided with the NE QRP club meeting Saturday morning in Newington at League headquarters. Hope to see and meet a bunch of the NE QRPers there. 72,
Doug, KI6DS.

PS, next stop for us will be in St. Louis to visit Dave Gauding and the rest of the St. Louis bunch. Dave, we will be leaving New England Sunday morning, and hope to be in St. Louis by Monday night. Will call you and confirm. Sri about the bandwidth. Doug

Date: Thu, 02 Aug 2001 21:40:12 EDT
From: Shephed@aol.com

To: <qrp-l@lehigh.edu>
Subject: [104081] Switching email help
Message-ID: <ce.18341c55.289b5afd@aol.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hey all,
What is the command to get info on switching my email on the list?

72, oo
Dan, N8IE

Date: Thu, 26 Jul 2001 15:38:09 -0400
From: Ken Newman <N2CQ@citnet.com>
To: epaqrp-l@Lehigh.EDU, QRP-L@Lehigh.EDU, njqrp@njqrp.org, n9avg@amsat.org
Subject: [104082] [NJQRP] [CONTEST]QRP Contest Calendar July 26/31
Message-ID: <3.0.6.32.20010726153809.00898510@mail.citnet.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

~~~~~  
QRP CONTEST CALENDAR

July 26-31, 2001

~~~~~  
Summer Fox Hunts - 20 Meters CW QRP - Fri 0200z - July & August

Details: <http://www.mtechnologies.com/cqc/sfox/index.htm>

~~~~~  
Summer CUB Fox Hunts - 20M CW QRP - Wed 0200z - July 4 thru Sep 5

Details: <http://www.wulfdan.org/SummerCubFox/>

~~~~~  
Islands On The Air Contest (CW/SSB)

Jul 28 - 1200z to Jul 29 1200z

Rules: <http://www.g4tsh.demon.co.uk/HFCC/IOTA.htm>

"IOTA DXpeditions Encouraged"

~~~~~  
Great Colorado Goldrush (20 M CW) ... QRP Contest!

Jul 28 - 2200z to 2200z

Rules: <http://www.cqc.org/cqctest.htm>

~~~~~  
Flight of the Bumblebees (CW) ... QRP Contest!

Jul 29 - 1700z to 2100z

Rules: http://www.natworld.com/ars/pages/bumblebees/bb_rules.html

"Most outrageous venture for QRP Portable"

~~~~~  
Please foreward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "QRP Contest Calendar" for your website, newsletter,  
e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de                                   \*\*\*\* QRP Contest Calendar \*\*\*\*  
Ken Newman - N2CQ                   <http://www.njqrp.org/data/contesting.html>  
N2CQ@ARRL.NET                       <http://www.n3epa.org/Pages/Contest/contest.htm>

72 de                                   == QRP CONTEST CALENDAR ==  
Ken Newman - N2CQ                   <http://www.njqrp.org/data/contesting.html>  
Woodbury, NJ  
FM29jt  
N2CQ@ARRL.NET

===== NJ QRP Club Mailing List =====  
To unsubscribe from this list, send email to [listserver@applegate.org](mailto:listserver@applegate.org)  
and put the text "unsubscribe njqrp" in the message. To post a  
message to the list, send email to [njqrp@njqrp.org](mailto:njqrp@njqrp.org).

-----  
Date: Thu, 02 Aug 2001 19:33:04 -0700  
From: "N7SG K7FD" <k7fd@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Cc: elecraft@qth.net  
Subject: [104083] re: KBT1 Builder Alert: Protective Sleeve - Photos  
Message-ID: <F112VhEUsebmspH2q6D0000d046@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

After reading Wayne's KBT1 Builder Alert, I decided this was something that needed attention, and pronto. The following webpage shows the solution I came up with, utilizing the acetate vinyl suggested in the Alert:

<http://www.teleport.com/~cqdx/acetate.htm>

73 John K7FD, K1/78 and K1/52

-----  
Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

-----  
Date: Thu, 2 Aug 2001 21:36:44 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [104084] FOX -- Got Paul, Can't Hear Jim...  
Message-ID: <200108030236.AA01564@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Took some shooting to crack the pack on Paul, but I got him. Now trying to find Jim. Would appear he's around 14.054 someplace, judging from the pack. Unfortunately, Jim himself is inaudible. :-( Oh well, maybe the radio gods will find favour and move the band in my direction later. :-)

72/73,

Todd, AGOT

-----

Date: Thu, 2 Aug 2001 20:41:53 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [104085] FOX Found Jim  
Message-ID: <Pine.LNX.4.33.0108022039120.3285-100000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Well the band is good to Jim tonight. I got another pelt from Jim AL7FS and he is still busy on 14.054.4 right this instant and about 579 589 with qsb but not bad yet. Ups he moved down about 400 Hz just now. He is taking hounds about 1 KHz high.

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----

Date: Thu, 2 Aug 2001 21:43:16 -0400  
From: "Tom" <n1tp@worldnet.att.net>  
To: "qrp-l@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Cc: "David Weigel" <WEIGELDC@aol.com>  
Subject: [104086] FOX: 20 in good shape in Florida  
Message-ID: <000701c11bbd\$ab0847a0\$95b64d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

20 meters is in good shape this HUNT.

I bagged K4FB (Paul near Tampa) at 0213 Zulu  
and AL7FS (Jim in Alaska) at 0231 Zulu.

Jim was 569 and Paul was 559. Go figure?  
Jim had a SUPER QRP signal into SW Florida.

Both FOXes are working big pile ups.

Many pelts are being bagged this hunt.

Tom, N1TP

Almost in the Everglades

-----  
Date: Thu, 2 Aug 2001 22:50:29 -0400  
From: "George Osier" <gosier@twcnny.rr.com>  
To: <qrp-1@lehigh.edu>  
Subject: [104087] milliwatts..... sometimes a hit !!!  
Message-ID: <004501c11bc7\$0e6f46a0\$fc704342@twcnny.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello All !!!!

With all the discussion of QRP DXCC and operating with QRP and milliwatting it felt good to work Vlad , U5WF with 700 mw tonite on 20 meters.

After he gave everyone a " 73 es qsl via CBA "

I worked him and he came back " pse pse qsl to CBA 73 73 N2JNZ/QRP , 7TT mw de U5WF sksk "

I realize that it is ( at best ) rough copy at times with milliwatts but I find that most DX stations are VERY interested in finding out more about you and your station !!!!!

I am VERY grateful to ALL stations that take the time to work me with my puny power levels and most REALLY want to confirm the QS0 !!!!!

73s

George Osier , N2JNZ / QRPP

-----  
Date: Thu, 02 Aug 2001 22:55:36 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104088] FOX: whoops  
Message-ID: <3B6A12A8.699008D5@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Fellow Hounddogs,

I humbly appologize for calling right on top of Paul at the start of the hunt this evening. I heard him LOUD and clear and jumped on the key... not noticing that I had both my RIT and XIT on, so I was directly on his freq. I was wondering why he didn't hear me, seeing as he was so loud. I finally saw the problem and fixed it.. and promptly bagged a pelt.

Jim is tough - I could hear him just fine for about 20 minutes or so, but he just faded into the ether and now I can't hear him at all. Heard Tom, N1TP grab a pelt from him (Tom, you were 5NN into VT easy). Gonna stay on it though, really would like an Alaskan Fox Pelt for the collection. ;)

GL es 73 de John, KB1ENS

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

-----  
Date: Thu, 02 Aug 2001 22:05:27 -0500  
From: "Jay Taylor" <lists@hti-inc.com>  
To: qrp-l@Lehigh.EDU  
Subject: [104089] Is there a FAQ for this group?  
Message-ID: <200108022205270820.01D0A881@mail.hti-inc.com>  
Content-Type: text/plain; charset="us-ascii"

Thanks for pointing me to it if there is one....

Jay

-----  
Date: Thu, 02 Aug 2001 23:17:06 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104090] al7fs??  
Message-ID: <3B6A17B1.764BA19A@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Is anyone still hearing Jim?

No copy here in FL now.

0317z

Paul K4FB/fox

-----  
Date: Thu, 2 Aug 2001 23:17:18 -0400  
From: "Nick Yokanovich" <k3ny@cablespeed.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [104091] Re: Yo-Yo-Tenna/dipole  
Message-ID: <003b01c11bca\$ce5b05a0\$8e592dd8@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I found two of the camping clothesline reels, like the YoYo uses, on clearance at a WalMart for \$1.00 each. Would have bought more but that's all they had. Have looked for them in other stores and haven't found them again. These are black with yellow center. Identical items are now sold in Coleman colors and packaging for about \$4 each.

I stripped the nylon line out of each one and replaced it with 37 feet (that's about all it would hold) of 22g stranded. I added lugs to the ends and use them as 40m legs for my Gusher II. Total cost under \$10.

Nick K3NY Arnold, MD

-----  
Date: Thu, 2 Aug 2001 22:48:02 +0000  
From: "Steven Weber" <kdljv@moose.ncia.net>  
To: dpayton@fwi.com  
Cc: qrp-l@lehigh.edu  
Subject: [104092] Re: LifeSaver Cores.....Seriously.....Sort-of  
Message-ID: <200108030319.f733J0030070@wolf.ncia.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I've heard of winding a VHF toriod on a nylon washer recently, but a lifesaver core is got to be a new one! Your tests do show it's reasonably self shielding, as good a test as any, I'd say. No coil

can be 100% self shielding though, so always a wise idea to keep things that might affect or couple into it at least 1/2 a diameter away, toriod or not.

In any event, Brilllent idea, congradulations!

72,  
Steve, KD1JV in the White Mountains of New Hampshire  
"Melt Solder"  
<http://www.qsl.net/kd1jv/index.html>

-----  
Date: Thu, 02 Aug 2001 22:21:06 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: pwomble1@tampabay.rr.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104093] Re: al7fs??  
Message-ID: <3B6A18A2.BEBCA52E@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Last heard him on 14056.26 but nothing at all now. QRM is getting rough throughout tyhe lower 10 KHz. Don't even hear any Hounds calling him.

Thanks for the pelt, Paul.

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

Paul Womble wrote:

>  
> Is anyone still hearing Jim?  
>  
> No copy here in FL now.  
>  
> 0317z  
>  
> Paul K4FB/fox

-----  
Date: Thu, 2 Aug 2001 22:26:21 -0400

From: "Tom" <n1tp@worldnet.att.net>  
To: "qrp-1@Lehigh.EDU" <QRP-L@LEHIGH.EDU>  
Subject: [104094] AL7FS  
Message-ID: <003901c11bc3\$b003db60\$95b64d0c@tom>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Jimj is on 14.052.30 as of 0322 Z.

Tom, N1TP

-----  
Date: Thu, 02 Aug 2001 20:44:40 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: N7SG K7FD <k7fd@hotmail.com>  
Cc: qrp-1@Lehigh.EDU, elecrafft@qth.net  
Subject: [104095] Re: [Elecraft] re: KBT1 Builder Alert: Protective Sleeve -  
Photos  
Message-ID: <3B6A1E28.EE23B0AF@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

N7SG K7FD wrote:

>  
> After reading Wayne's KBT1 Builder Alert, I decided this was something that  
> needed attention, and pronto. The following webpage shows the solution I  
> came up with, utilizing the acetate vinyl suggested in the Alert:  
>

What? Not Saran wrap :-;

Phil

-----  
Date: Thu, 2 Aug 2001 21:49:26 -0600  
From: "Rod Cerkoney, N0RC" <rod@n0rc.com>  
To: <lists@hti-inc.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [104096] Re: Is there a FAQ for this group?



Message-ID: <01b501c11bcf\$4b4de1a0\$6401a8c0@c919125b>  
MIME-Version: 1.0  
Content-Type: text/plain;  
    charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Unfortunately no, but you can find some basic info at:

<http://qrp.lehigh.edu/lists/qrp-l/>

GL  
73, Rod NØRC  
Ft Collins, CO

----- Original Message -----

From: "Jay Taylor" <lists@hti-inc.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Thursday, August 02, 2001 9:05 PM  
Subject: Is there a FAQ for this group?

>  
>  
> Thanks for pointing me to it if there is one....  
>  
> Jay  
>

-----

Date: Thu, 2 Aug 2001 22:53:36 -0500  
From: Todd Enders <enders@bolshoi.cc.misu.nodak.edu>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [104097] Fox -- No AK Tonight, I Reckon...  
Message-ID: <200108030353.AA01885@bolshoi.cc.misu.nodak.edu>  
Content-Type: text/plain  
Mime-Version: 1.0 (NeXT Mail 4.2mach\_patches v148.2)

Jim peaked here about 20-30 minutes ago, at \*maybe\* 319. Now  
back to at or below ESP level. Still quite a pile going. Oh well, so it goes...  
:-) 14.052 and change...

72/73,

Todd, AGØT

-----  
Date: Thu, 2 Aug 2001 23:55:33 -0400  
From: "K3NG" <k3ng@fast.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [104098] Re: whoops  
Message-ID: <004901c11bd0\$655a78a0\$381fe518@wireless3>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Me, too. Somehow switching between RIT and XIT on the K1 to get everything set up right, I turned off XIT and was calling on Jim's frequency. I felt like a real moron :)

Sorry...

72  
Goody  
K3NG

----- Original Message -----  
From: "John Wagner" <john@neknetwork.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, August 02, 2001 22:55  
Subject: FOX: whoops

> Fellow Hounddogs,  
>  
> I humbly appologize for calling right on top of Paul at the start of the  
> hunt this evening. I heard him LOUD and clear and jumped on the key...  
> not noticing that I had both my RIT and XIT on, so I was directly on his  
> freq. I was wondering why he didn't hear me, seeing as he was so loud. I  
> finally saw the problem and fixed it.. and promptly bagged a pelt.  
>  
> Jim is tough - I could hear him just fine for about 20 minutes or so,  
> but he just faded into the ether and now I can't hear him at all. Heard  
> Tom, N1TP grab a pelt from him (Tom, you were 5NN into VT easy). Gonna  
> stay on it though, really would like an Alaskan Fox Pelt for the  
> collection. ;)  
>  
> GL es 73 de John, KB1ENS  
> --  
> John Wagner - john@neknetwork.com

> Web page: <http://www.neknetwork.com>  
>

-----  
Date: Thu, 02 Aug 2001 21:00:49 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: N7SG K7FD <k7fd@hotmail.com>  
Cc: qrp-1@Lehigh.EDU, elecraft@qth.net  
Subject: [104099] Re: [Elecraft] re: KBT1 Builder Alert: Protective Sleeve - Photos  
Message-ID: <3B6A21F1.AD67211E@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Turns out my computer was messed up before and I could not get to your web site.

Now I have and the pix are much appreciated, John: Thanks!

73, Phil

N7SG K7FD wrote:

>  
> After reading Wayne's KBT1 Builder Alert, I decided this was something that  
> needed attention, and pronto. The following webpage shows the solution I  
> came up with, utilizing the acetate vinyl suggested in the Alert:  
>  
> <http://www.teleport.com/~cqdx/acetate.htm>  
>  
> 73 John K7FD, K1/78 and K1/52  
>  
> -----  
> Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>  
>  
> ---  
> Submissions: [elecraft@qth.net](mailto:elecraft@qth.net) (You must be subscribed to post)  
> Postings must be sent from the exact same addr. as subscribed.  
> Please note: The list server automatically rejects HTML encoded emails.  
> List Archive page: <http://www.qth.net/archive/elecraft/elecraft.html>  
> Elecraft Web Page: <http://www.elecraft.com>

-----  
Date: Fri, 3 Aug 2001 00:13:52 EDT  
From: W2SH@aol.com

To: qrp-1@lehigh.edu  
Cc: dpayton@fwi.com  
Subject: [104100] LifeSaver Cores  
Message-ID: <6a.117ce316.289b7f00@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="UTF-8"  
Content-Transfer-Encoding: quoted-printable  
Content-Language: en

On 8/2/01 at 09:10:28 PM EDT Dennis Payton wrote<=E2=80=A6are  
toroids self-shielding only because of their shape?=E2=80=A6>

For some time I also have wondered about this. I had reasoned that the=20  
ferrite or powdered iron core in a toroidal shape would capture just about=20  
all of the coil's magnetic flux unto itself and thus there would be almost=20  
none left to go wafting off into space. And then I thought that a similar=20  
magnetic core in a linear solenoid failed to capture all of that coil's=20  
magnetic flux. So was it the core material or the shape of the coil that wa=  
s=20  
responsible for the diminution of the external magnetic field?

Now Dennis' very clever experiment suggests that when a linear solenoidal=20  
coil is formed into a circle , with, so to speak, its head meeting its tail,=  
=20  
AND ABSENT ANY MAGNETIC CORE, the external magnetic field is greatly=20  
attenuated.

Therefore, making variable inductor antenna tuners of compact size, with jus=  
t=20  
wire wound on the ceramic form of a power rheostat, makes sense (even though=  
=20  
more turns will be required to compensate for the absence of a high=20  
permeability magnetic core).

I recall that RadCom a couple of years back published a mobile antenna design=  
n=20  
where the loading coil was an air-wound toroidal inductor. It was a sizable=20  
=20  
structure, and presented a daunting appearance. I'll have to review the=20  
article, whose design, I seem to recall, aroused some controversy.

A big bravo to Dennis for going the extra mile to satisfy his curiosity, for=  
=20  
the ingenious experiment he devised, and a big thank-you for sharing his=20  
findings with this forum.

72/73,

Charles, W2SH

=20

-----  
Date: Fri, 03 Aug 2001 04:15:15 +0000  
From: jacksonharbor@att.net  
To: qrp-1@lehigh.edu  
Subject: [104101] RE: Air Core Toroids - self shielded ?  
Message-ID:  
<20010803041515.GFFT15499.mtiwmhc22.worldnet.att.net@webmail.worldnet.att.net>

>building, and I got to wondering, are toroids self-  
>shielding only because of their shape? I decided to

Denny -

I remember reading a W1FB article which stated that  
toroids (air or other core) are self shielded due to  
the way they are wound, not their core material.

>wintergreen Lifesavers to use as forms. I need about

Butterscotch might have been a better choice  
since the Wintergreen lifesavers are well know to have  
their own electrostatic capability (try watching when  
one gets crunched in a dark room - green sparks are  
creepy ;)

Seriously, I always wondered about using lifesavers like  
this myself - great post, thanks for reporting on it.

The only other problem might be ants ;)

Best Regards,

Chuck Olson, WB9KZY  
Jackson Harbor Press  
<<http://jacksonharbor.home.att.net/ham.htm>>

-----  
Date: Thu, 02 Aug 2001 21:15:41 -0700  
From: KB7WW Art Moe <kb7ww@uswest.net>  
To: qrp <qrp-1@lehigh.edu>  
Subject: [104102] Foxes and the power company  
Message-ID: <3B6A256D.C85F8D93@uswest.net>

MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well as they say, YOU CANT WORK'M IF YOU CANT HEAR'M

Well the power company won again tonight well almost.

Did catch Jim on one of his QSB peaks.

For 2 weeks I have had the worst QRN That I have ever had at this QTH in the almost 30 years I have been here. It is S9 or better on all bands from 160 through 2. That's with the noise blanker on and the 250 cycle cw filter in. On HF with my wire antenna there is no getting away from it, at least on 6 I can null it out by pointing 90 degrees to it.

Called the local power company and the sent out there tek and he said "I think I found it and I have turned in a repair order". I took my old 2 meter SSB rig and drove all around and told him which poles were hot. Well it's just wait and see if they ever show up.

Hope it's fixed by next week.

Art  
KB7WW

-----  
Date: Fri, 03 Aug 2001 00:25:28 -0400  
From: Paul Womble <pwomble1@tampabay.rr.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [104103] Fox- K4FB report  
Message-ID: <3B6A27B8.C7C1CE20@tampabay.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Well...if the last hour would only have been like the first 30 minutes! LOTS of hounds at the start...but things really calmed down around 0245z. The hounds that did call in were still nice and loud...just was not too many calling in.

Ended up with 98 + myself in the log. Well below my goal of 140...but still not too bad. I did finally find AL7FS around 0330z. Thanks Jim.

Log out this weekend...we're going to the beach, with Tropical Storm

Barry out in the Gulf of Mexico we may sit in the rental and watch it rain all weekend! I'll be looking for qso's on 20m from the beach.

73

Paul K4FB

-----  
Date: Fri, 03 Aug 2001 00:27:43 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: qrp-l@lehigh.edu  
Subject: [104104] Fox{  
Message-ID: <5.0.2.1.0.20010803001019.00aa1600@KIH.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

Great fun trying to contact AL7FS  
He was solid in here most of the night.  
The most fun was copying the repeat calls from K5BGB.....14 times and K5YU  
8 times  
No comment from here about idiot OPS  
If someone finds this offensive just stop by the house.  
Pete NV4V Kentucky

-----  
Date: Fri, 3 Aug 2001 00:40:17 EDT  
From: Kr01a@aol.com  
To: qrp-l@lehigh.edu  
Subject: [104105] Re: [qrpat] QRP DXCC  
Message-ID: <71.109650b1.289b8531@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi all,

Here's a few more comments on the subject issue from an ARRL member holding Mixed DXCC #17,928 (and several others) and an "old-time" QRP ARCI member #3227 from the days when QRP ARCI set QRP at 100 watts. Just cannot resist the opportunity to throw some more thoughts on the fire.

Guess I have never understood the drive to change the ARRL DXCC program to a two class award when QRP ARCI already offers an unique DXCC award. In addition to the QRP ARCI DXCC award,

any QRP op can work 100 countries using QRP power and obtain the existing ARRL DXCC. No one is suffering from discrimination of any sort. Admittedly, the ARRL award does not state that you worked the 100 countries using 5 watts or less but it also doesn't state that I've worked my totals using 400 watts or less. You, however, do know whether you accomplished the goals you set for yourself in an honest fashion. Which is more important, the accomplishment or some different printing on the piece of paper on the wall. For me, QRP has always been the satisfied feeling following a successful contact whether it was a new DX country or a new fox pelt.

As a matter of little interest to anyone except me, by chance, I just received my latest DXCC Award Credits Listing in the mail today. I now know I've worked/confirmed to ARRL satisfaction 306 countries. Some of these were QRP and some (most) were QRO. I admit to more satisfaction for the ones that I worked QRP but I also feel the QRO ones were not too shabby when I compare my antenna "farm" (a vertical and a Butternut 2 el HF5B) and <400 watts to other stations chasing the same rare DX with bigger and better setups. Worth mentioning, my DXCCs also do not list my antennas or how many hours I spent on the air to get to where I am today.

My soapbox opinion has always been that, for any operating award to be awarded on a reasonably "fair" basis, it would have to be based on total ERP at the antenna. This might level the playing field a little bit and move the award more towards an operator's skill level. I might claim prejudice either way on this skill level suggestion, pro since I've been playing with CW since WWII time and con since my arthritis has really affected my key handling :>)

I can imagine the QRP and QRO screams now if this approach was implemented. Think if all QRP ARCI awards require everyone to limit their ERP to 25 watts (a very rough figure of ERP gain for a tri-bander) or restrict it even further by making a quarter wave vertical the only allowable antenna. Of course, then we have the cases where "no outdoor antennas allowed" come into play. Nope, I'm afraid that would be a real tough "sell". It doesn't much matter, we have now approached the point where the DXCC certificate would rapidly run out of space for all the printing variations. It already has problems as you add your paste-on upgrade stickers even though ARRL has gradually reduced the number of those as DX became "easier" to work :>) Remember now, since "fairness" seems to be a significant criteria any other approach still allows the operator with the most money and/or land to bias the operating conditions in his favor whether he/she is running QRO or QRP. Having said this, I would welcome anyone to come up with a way to administer such a program and insure that each person has met the stated requirements other than



a signature stating the same. What do you think about a criteria limiting the amount of operating time that can be actually be spent chasing the DX to further level the field. There is no end to the possible modifications that could be made to the DXCC program and the end result would still not satisfy everyone. Since I'm retired, I sure wouldn't like that last one :>)

Some of the complaints seem to take offense at the ARRL for accepting ANY amateur's word that he is operating within the legal limits of his license since they state that ARRL does not want to accept their word that they are running less than 5 watts. Now ARRL has offered an award that accepts their word that they are both operating at QRP levels and that they have valid QSLs. Are the complaining QRPers now happy? Sure doesn't sound like it. I wonder if any of those complaining applied for the DXCC Millennium Award :>)

-----  
Date: Thu, 2 Aug 2001 22:00:41 -0700  
From: John Rollins <kd7bcy@teleport.com>  
To: QRP-L <qrp-l@lehigh.edu>  
Subject: [104106] Solar charge controllers?  
Message-ID: <a05010400b78fdb54b86a@[216.26.60.53]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Working on an interesting project... A cute little portable radio console(everything but the antennas! HF, VHF/UHF, scanners, etc... and to top it off, it will fit on the seat rails in my old VW Bug for mobile ops) If I ever finish it, I'll put some pictures on my web site(something else I never seem to get around to...). So I got this solar panel off eBay for a pretty good price, it's a 1 foot square, supposed to be 12v panel at 4 watts and put out about 300mA. I haven't tested it in full sun yet. I'm thinking I might even get a few more and make a small array... But for now I'm planning to use this one as a charger for my new 88Ah SLA battery that is going into this project, along with an AC charger and probably a hookup to the car to charge from the alternator(still wondering about that one). So what should I do with it? With such a low output from the panel compared to the battery capacity, I could probably get away with a direct connection and a manual cut-off switch, but I'm thinking of going with a charge controller to allow for easier future expansion. Would it be easier to just build a simple circuit or go with a commercial unit? The SunGuard looks neat(<http://members.mpx.com.au/~doranje/SunGuard.html>), and is pretty cheap compared to some controllers. Any suggestions?

--

```
/-----\  
| http://jrollins.tripod.com/           |  
| KD7BCY      kd7bcy@teleport.com      |  
\-----/
```

-----  
Date: Fri, 3 Aug 2001 01:04:33 EDT  
From: Kr01a@aol.com  
To: qrp-l@lehigh.edu  
Subject: [104107] Re: [qrpat] QRP DXCC - message sent in error  
Message-ID: <a7.11a8c533.289b8ae1@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Hi All,

I'd like to apologize to the list for the transmission of my last message on the ongoing pros/cons re the latest ARRL DXCC proposal. It was sent by accident prior to editing/proofreading and without a signature. 'nuff said...

72/73, Mac, KR0I

-----  
Date: Fri, 03 Aug 2001 01:31:08 -0600  
From: "Adrian Weiss" <aweiss@usd.edu>  
To: qrp-l@lehigh.edu  
Subject: [104108] Another BIG ANTENNA, NO storm static discharge story  
Message-ID: <GHHBFB03.R1A@mail.usd.edu>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi all:

I thoguht I'd my experience the other night to Mike's earlier account. Wed. night, I noticed on the wx report that severe thunderstorms were warned for 200mi. west of here. Sky was clear here, but hot and humid. So I kept the rig on 30m with the g5rv as antenna. When I finally shut down, as has become my habit since the QRP+ got zapped, I disconnected the rig, and when I disconnected the G5RV ladderline from the tuner -- I took a small hit. Using the grounding clip, I was getting 1/16-1/8" gap sparks. Now, Ihave a 20K resistor across the ladderline to bleed static, but it wasn't

doing so well. For fun, I pulled out my old NE51 neon bulb and started pulling sparks, each of which lighted the neon with that neat old combo of orange-n-blue. The rate was abt 1-sec for a spark and neon flash at 1/8-in gap. The sky was clear, though. It reminded me of those drawings in school text showing clouds with "+"s and "-"s all over the place, including far away from the clouds.

The rig is OK.

72, ADe

-----  
Date: Fri, 03 Aug 2001 04:55:05 -0400  
From: Bruce Muscolino <w6toy@erols.com>  
To: Bill ROWLETT <kc4atu@yahoo.com>  
Cc: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>  
Subject: [104109] Re: [qrpat] QRP DXCC  
Message-ID: <3B6A66E9.793E5F79@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

OK, I was wrong. I only wanted to stop the crybabies!

-----  
Date: Fri, 3 Aug 2001 06:16:44 -0400  
From: "Daniel Shepherd" <n8ie@woh.rr.com>  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [104110] Test for echo!  
Message-ID: <003201c11c05\$65557c80\$a0ae1d18@woh.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I never was gud at test's. :-D

72, oo  
Dan, N8IE  
FPqrp #-6, qrp-1 #4204, FISTS #4985

-----  
Date: Fri, 03 Aug 2001 06:31:46 -0400  
From: neil <wa4chq@qsl.net>  
To: qrp-1@Lehigh.EDU  
Subject: [104111] Re: Solar charge controllers?  
Message-ID: <3B6A7D92.2D568458@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey John-

If it were me, I would build the circuit....much more fun. I built a solar controller from an article by M. Bryce in QST 10/93. I have it installed on my sailboat and it does a fantastic job of keeping my "house" batteries charged. Many of the parts you will find in a well stocked junkbox, the rest you can get at a place like DigiKey. I think you will find that you can build it for a lot less then the \$60 spent on the SG. What I like about this circuit is it uses LED's to indicate what is going on....offline, charging or charged. I don't think the sunguard has this feature. Anyway, I am partial to building.....

Good Luck-

72

Neil wa4chq

-----  
Date: Fri, 03 Aug 2001 08:44:16 -0400  
From: John Wagner <john@neknetwork.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104112] OT: call sign change de ex KB1ENS  
Message-ID: <3B6A9CA0.4453B725@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

A few weeks ago I made the suprisingly difficult decision to change my call sign from KB1ENS to one of five other choices. It's amazing but I somehow grew attached to a randomly assigned bunch of letters and a number. The problem was in contests and in a number of contacts the "B" was mistaken for a "D" and "ENS" would become "RS" or "EB".

In choosing a new call, I made my choices based on a number of factors; I wanted a 1x2 call and wanted a Q in it. I also wanted it to be made up of easily identified letters on CW. I find K, Q, O, M and Y to be pretty easy to pick out because they start and end with dahs. "X" isn't bad, but I find that keeping the consecutive "dits" down to a minimum helps

when copying. I also like calls that start with an "N".

I really wanted N1QM, but it wasn't available. I always liked Chuck Adams call (K7Q0) so I made my first choice on the application N1Q0 and that's what I got. That leaves open my other choices; K1QY (based on another call I like; Jim Kortge, K8IQY), K1Q0, N1YM and N1Y0 - get 'em while they're hot!

73 de John, N1Q0  
(feels like I'm wearing someone else's name!)

--

John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

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Date: Fri, 03 Aug 2001 08:54:30 -0400 (EDT)  
From: "John L. Sielke" <w2agn@pobox.com>  
To: baltimoremd@baltimoremd.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104113] RE: Miracle Whip  
Message-ID: <XFMail.20010803085430.w2agn@pobox.com>  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
MIME-Version: 1.0

It's already been done. A thing called "Suddenly Salad." Probably radiate as well as that so-called antenna.

John W2AGN

On 03-Aug-2001 baltimoremd@baltimoremd.com wrote:  
> Wonder which vendor will have the first Salad Dressing kit? Will the FCC  
> rule that you can't use the dressing with an external holder? Will we see  
> debates about on toast vs plain?  
>

-----

Date: Fri, 3 Aug 2001 08:58:58 -0400  
From: "Al Gritzmacher" <ae2t@arrl.net>  
To: Elecrafft@qth.net, qrp-1 Discussion <qrp-1@Lehigh.EDU>  
Subject: [104114] Lighthouse QRP  
Message-ID: <3B6A67D2.2942.1001A9D3@localhost>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

I will be spending the weekend camping at Golden Hill State Park, which is home to the Thirty Mile Point Lighthouse. By (no) coincidence, this happens to be National Lighthouse Week and a good warm-up for the International Lighthouse/Lightship Weekend later this month.

So, I will be getting on the air with the K2 there. It will be low-key, not a serious effort like we will be doing later for the International weekend, and will be mostly CW. I will be using either my own call, or N2SEX/L. Probably mostly 40-30-20-15 meters, depending on my antennas.

Thirty Mile Point Light is USA-844 for the Lighthouse collectors and more info can be found at  
<http://members.localnet.com/~ae2t/ndxa/lighthouse.html>

Hope to work you all.

72,

Al AE2T

-----  
Date: Fri, 03 Aug 2001 13:31:18 +0000  
From: "Dennis Ponsness" <wb0wao@hotmail.com>  
To: qrp-l@Lehigh.EDU  
Subject: [104115] ARRL QRP DXCC Award  
Message-ID: <F2317gRzaha5mEKYQUg0000eebe@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

Hi Gang,  
OK, this is my .02 worth on this topic...

I applaud the ARRL for doing this and I myself will work toward this award! I also have other DXCC awards (10m, Satellite, & Millennium) and am working towards several others as well. I also want to personally thank Ed for beating the QRP drum at Newington and want him to know that there are lots of us that appreciate his work.

Now, the simple fact is, if you don't like the award, then don't apply for it! This is a basic principle for anything, if I don't like something, then I don't buy it!

Now, I would agree 100% with the posting that if the ARRL gets the impression that we give the impression that we are ungrateful for this, then it will be a long time before they even consider doing something else for the QRP community. Who knows, maybe if the demand is great enough for the QRP DXCC, they will consider other operating awards for QRP. Who knows, maybe something to do with grid squares or on a point system (anyone else remember the 6m 600 Club Award?).

Anyhow, let's just be grateful that the ARRL is willing to take these first steps.

Dennis - WB0WAO

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Get your FREE download of MSN Explorer at <http://explorer.msn.com/intl.asp>

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Date: Fri, 3 Aug 2001 09:56:40 -0400  
From: "Lee S. Mairs" <lairs@cox.rr.com>  
To: <kd7bcy@teleport.com>, "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Subject: [104116] Re: Solar charge controllers?  
Message-ID: <002b01c11c24\$1eef8aa0\$6401a8c0@cox.rr.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

With that little current, you won't need a charge controller as long as you disconnect the panel at night. I've found that panels up to 48 watts in size will not overcharge typical Group 27 batteries. The output will replace internal losses and those of maybe a small light at night. Above 48 watts, a charge controller is definitely required.

I have 4 - 80 watt panels, a charge controller, eight golf cart batteries in series parallel connection, and a 1500 watt Trace inverter taking care of all the electrical needs at my beach cottage on an off-the-grid island. Works great in the summer, but not so great in the winter when the sun is lower on the horizon.

I'm not a big fan of the small panels as they will not develop enough power to recharge a deep discharged battery. I do have a 5 watt flexible panel that I use to keep the battery topped off on an outboard engine equipped with an automatic bilge pump. It can just barely do the job.

73 de Lee, KM4YY

----- Original Message -----

From: "John Rollins" <kd7bcy@teleport.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Friday, August 03, 2001 1:00 AM  
Subject: Solar charge controllers?

-----  
Date: Fri, 03 Aug 2001 09:47:20 -0500  
From: Dave Sjolin <sjolin@swbell.net>  
To: Qrp-1 Reflector <qrp-1@Lehigh.EDU>  
Subject: [104117] FOX: CUB FOX HUNT N0IT - FINAL LOG  
Message-ID: <3B6AB977.67E720AD@swbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit

Attached is final log for Tuesday nights Cub Fox N0IT.

Thanks again to all who stopped by and who put up with the repeats.  
Sorry to those I didn't work.

73, de Dave, N0IT

=====

# N0IT FINAL LOG

August 1, 2001 0200-0400 Zulu

| UTC  | CALL  | MY RST | STATE | NAME   | POWER |
|------|-------|--------|-------|--------|-------|
| 0200 | N0RC  | 559    | CO    | ROD    | 5W    |
| 0201 | W0CH  | 559    | MO    | DAVE   | 3W    |
| 0202 | K4BYF | 559    | FL    | JACK   | 5W    |
| 0203 | W5YR  | 559    | TX    | GEORGE | 5W    |
| 0204 | N4ROA | 559    | VA    | DAN    | 3W    |
| 0205 | K5DI  | 559    | NM    | KARL   | 5W    |
| 0206 | N5UW  | 579    | OK    | CLIF   | 5W    |
| 0207 | K1VP  | 559    | NH    | ED     | 5W    |
| 0209 | K0EVZ | 559    | ND    | DOC    | 5W    |
| 0210 | K4GT  | 559    | GA    | JIM    | 5W    |
| 0211 | KC1FB | 559    | CT    | JIM    | 3W    |



|      |         |     |    |        |       |
|------|---------|-----|----|--------|-------|
| 0212 | W9UQB/7 | 559 | AZ | MIKE   | 5W    |
| 0213 | N1TP    | 599 | FL | TOM    | 5W    |
| 0214 | W9HL    | 559 | IL | RANDY  | 5W    |
| 0216 | NX8C    | 559 | MI | NEIL   | 5W    |
| 0217 | W8YMO   | 559 | OH | HARRY  | 5W    |
| 0218 | VA6RF   | 579 | AB | EARL   | 5W    |
| 0219 | AA50    | 559 | LA | VERN   | 5W    |
| 0221 | WA0SXV  | 559 | MO | MIKE   | 2W    |
| 0222 | N0TK    | 579 | CO | DAN    | 3W    |
| 0223 | NV4V    | 579 | KY | PETE   | 5W    |
| 0224 | AC5JH   | 559 | OK | TOM    | 5W    |
| 0226 | KD5KXF  | 559 | TX | MIKE   | 5W    |
| 0227 | K8CV    | 559 | MI | WALT   | 5W    |
| 0228 | W5XU    | 559 | LA | DAVID  | 5W    |
| 0230 | K4TJD   | 559 | GA | TOM    | 5W    |
| 0232 | KI0II   | 579 | CO | RON    | 1W    |
| 0233 | W3CD    | 559 | CA | BOB    | 5W    |
| 0234 | N9WW    | 579 | ME | JIM    | 5W    |
| 0238 | AG0T    | 559 | ND | TODD   | 5W    |
| 0239 | WA7SPY  | 559 | CA | GLENN  | 3W    |
| 0242 | KB1ENS  | 559 | VT | JOHN   | 5W    |
| 0243 | AA3UR   | 559 | PA | DAVE   | 2W    |
| 0245 | VE1MT   | 579 | NS | LAYTON | 5W    |
| 0247 | WA8NTA  | 559 | CO | DICK   | 5W    |
| 0248 | KE6RS   | 559 | CA | RON    | 5W    |
| 0250 | K3NY    | 559 | MD | NICK   | 3W    |
| 0252 | KJ0C    | 229 | MO | JIM    | 5W    |
| 0254 | AA7EQ   | 559 | AZ | BOB    | 5W    |
| 0258 | LZ2RS   | 559 | LZ | RUMI   | 5W    |
| 0303 | KB9YIG  | 439 | IN | TONY   | 5W    |
| 0304 | K4FB    | 559 | FL | PAUL   | 5W    |
| 0307 | KE4RVT  | 559 | GA | DWAYNE | 1W    |
| 0313 | KG4FGC  | 559 | NC | KEN    | 5W    |
| 0317 | N10DL   | 599 | NH | ARON   | 5W    |
| 0319 | K0IAL   | 579 | IA | MIKE   | 100W  |
| 0324 | N1WPU   | 549 | ME | TED    | 5W    |
| 0327 | KG4FSN  | 559 | FL | JUAN   | 4W    |
| 0330 | WV9N    | 559 | OH | RANDY  | 5W    |
| 0331 | K5DW    | 559 | TX | DON    | 5W    |
| 0340 | NFOR    | 589 | MO | DAVE   | 200Mw |
| 0345 | K7FD    | 559 | OR | JOHN   | 5W    |
| 0346 | K6IFF   | 559 | CA | BILL   | 5W    |
| 0352 | KB7MBI  | 559 | WA | ALAN   | 5W    |
| 0356 | HA5BDU  | 339 | HA | ANDRAS | 100W  |

0359      N0IT      FOX      MO      DAVE      5W

-----  
Date: Fri, 3 Aug 2001 11:26:33 -0400  
From: "Ed Tanton N4XY" <n4xy@att.net>  
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>  
Subject: [104118] FW: ARLP032 Propagation de K7VVV  
Message-ID: <006001c11c30\$ae1f4f60\$c60d4d0c@n4xy1>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Subject: ARLP032 Propagation de K7VVV

SB PROP @ ARL \$ARLP032  
ARLP032 Propagation de K7VVV

ZCZC AP32  
QST de W1AW  
Propagation Forecast Bulletin 32    ARLP032  
>From Tad Cook, K7VVV  
Seattle, WA    August 3, 2001  
To all radio amateurs

SB PROP ARL ARLP032  
ARLP032 Propagation de K7VVV

Average daily sunspot numbers dropped again this week, this time by nearly 64 points. The average daily solar flux dropped over 20 points. On July 31 the planetary A index rose to 23, the result of a solar wind stream. Geomagnetic activity on that day caused some impressive auroral displays.

Solar flux is predicted to be 125 for Friday, and around 130 for Saturday through Monday. Currently flux values are expected to rise slowly to 140 by August 10. A holographic image of the sun's far side taken on July 30 shows what may be a large group of sunspots, so there may be more activity rolling around in a couple of weeks.

Geomagnetic activity could be active again on Friday, settling down to unsettled for the weekend. The planetary A index for Friday is predicted to be 20, and 15 for Saturday and Sunday.

With July just ended, here are monthly averages for sunspot

numbers and solar flux from the beginning of the year. Average daily sunspot numbers, January through July were 142.7, 131, 166.7, 163.6, 135.1, 196.7 and 124.6. Average daily solar flux readings for the same months were 166.6, 147.2, 177.7, 178.2, 148.7, 173.7 and 131.3.

There was a rise in activity during June, similar to the one around the end of March and beginning of April, but not as high. The monthly solar flux average for June probably beats March and April because the high activity earlier in the year was split over the two months.

Sunspot numbers for July 26 through August 1 were 115, 96, 88, 59, 64, 85 and 108 with a mean of 87.9. 10.7 cm flux was 123.4, 121.4, 115.5, 116.9, 114.5, 116.8 and 120.2, with a mean of 118.4, and estimated planetary A indices were 14, 9, 5, 8, 9, 23 and 12 with a mean of 11.4. NNNN /EX

-----  
Date: Fri, 3 Aug 2001 10:31:05 -0500 (EST)  
From: igeq100@iupui.edu  
To: QRP List <qrp-l@Lehigh.edu>  
Subject: [104119] QRP Photon Source  
Message-ID: <Pine.GS0.3.96.1010803102506.15877A-1000000@jade.iupui.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi, Gang -

Thought I'd bring to your attention a new product from Energizer (the bunny people). It is a two-LED table lantern. This little device runs on 4 AA cells. There are two bright white LED's (you can choose to light only one), and it gives enough illumination to light up a work area for writing, reading, and adjusting the controls of a rig while you are operating from the boonies. They claim a 200 hour battery life (I assume that is if only one LED is lit). This is something that I was going to build, but for \$8.97 at WalMart there is not much point in going to the effort.

Anyway, it is a neat source of illumination and a good addition to one's portable stuff. Usual disclaimers apply.

72 de Rich, WB9LPU

-----

Date: Fri, 3 Aug 2001 12:02:43 -0400 (EDT)  
From: George Gingell <k3tks@u1.abs.net>  
To: Sverre Holm <sverre@ifi.uio.no>  
Subject: [104120] Re: [GQRP] CQ QRP  
Message-ID: <Pine.BSF.4.33.0108031046310.32389-100000@u1.abs.net>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 3 Aug 2001, Sverre Holm wrote:

> As a new ham interested in homebrewing and QRP, I need some deciphering of  
> the 'codes':

> When someone is calling CQ QRP - does that mean they only want to have  
> contacts with other QRP stations? - or is it just a way of telling others  
> that they are using QRP?

Most use "CQ QRP" to let others know that they are running QRP.

> Likewise if someone is calling CQ FIST - can only only members of the  
> fists club reply or anyone who is using a key?

I would say this is similar, except they are likely seeking other Fist Members. Much like County Hunders and other clubs, they have awards based on the number of other members contacted. They COLLECT MEMBERSHIP NUMBERS.

> And what does the 72 mean? is it only for use with 2-way QRP contacts?  
> What is its origin?

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

As you csn see from the above, Oleg Borodin, suggested the code and phrase to the World QRP Federation back in 1991.

The Code Signal "72" "Wishing You Good QRP" was Presented to, Voted on and Adopted by the World Federation of QRP Clubs at that time.

It has become a "SYMBOL of QRP" Our own Special Identification. When you hear "72" you know right away that the person is a QRPer.

> Perhaps reponses to these and similar questions could be posted on some  
> relevant QRP-site on the internet, like the G-QRP site?

>

> Sverre

> -----

> 73 de LA3ZA  
> <http://www.qsl.net/la3za>

I am pleased to be able to explain this bit of history of QRP & "72"

Some day when I have more time, I will try to do an article on the Research that I have done on this small bit of QRP History.

There are at least two books by Ade Weiss, W0RSP about QRP & History.

"The JOY of QRP" and "The History of QRP in the U.S." both are still available from Ade Weiss. You can also check the QRP ARCI Website and Kanga U.S.

Ade Weiss <[aweiss@sunflowr.usd.edu](mailto:aweiss@sunflowr.usd.edu)>, Author of QRP Books and Founder of "The MILLIWATT - National Journal of QRP" Now out of Print. However, I believe it is still available on CD-ROM from the Michigan QRP Club.

Ade is also the Founder of The QRP DXCC Milliwatt Trophy.  
No longer available, due to lack of financial support.

I always thought this was a shame that it had to be dropped due to financial reasons. This would be a Great Opportunity for the QRP Community, to Revive it and provide "SPONSORSHIP" for it.

I recently read a note from Ade, considering putting the Details of the Winners of The Trophy on a WEB Site for all to read and enjoy.

The Current discussion about ARRL DXCC and QRP Endorsment reminds me of the following fact.

"We had the ULTIMATE QRP DXCC Award with the "The MILLIWATT DXCC TROPHY".

"Bill (KANGA US 419.423.4604) Kelsey" <[kanga@brutus.bright.net](mailto:kanga@brutus.bright.net)>

<<http://www.qrparci.org>>

"QRP-ARCI Toy Store <<http://www.qsl.net/k8dd/toystore/thetoystore.htm>>"

Hank Kohl <[k8dd@arrl.net](mailto:k8dd@arrl.net)> He is in charge of the "Toy Store".

I will post this to the other lists as well, Maybe some of the others will show interest and "Revive the REAL QRP DX AWARD".

Maybe we can get the "WQF" and Member Clubs to SUPPORT the PROGRAM AGAIN.

I am also reminded that several QRP Clubs have "Sponsored QRP Plaques and Trophys in ARRL Contests in the past. If more was done in this area, maybe others would realize that it is not a QRP vs QRO thing, We just want to be recognised for what we have accomplished.

How about a new Challenge? DXCC using only 100 AMPs at 12V. ? Simple, You Start with a Brand New Deep Cycle Marine Battery that is Fully Charged.

Use what ever rig you desire, All contacts must be made with that Power Source. When it Quits, the Game is over. :^} Your Receiver can be on another source.

This is to show that QRP is FUN and Builds Character.  
(Or is it "Characters" ? :^}

Sir George, The First :^}

72 ES

QRP DX TU (C) 1986, G. "Danny" Gingell, K3TKS@ abs.net  
Former QRP A.R.C.I. Net Manager and Board of Director Member.  
Gingell & Company, Ltd. Small Business Telephone Systems  
Notary Public and Commercial Locksmith Services (301) 572-6789 Office & Fax  
George D. Gingell, Jr. 3052 Fairland Road, Silver Spring, MD 20904-7117  
Maryland Milliwatt Club QRP Reference Library, (301) 572-6789 IQRR #1  
Maryland Milliwatt Club Founder and Trustee of Club Station - WQ3RP -  
Grid Square FM19mb 76.94 W - 39.06 N Silver Spring, MD 20904 QRPea.A.

"72" = "Wishing You Good QRP" (C) 1991 Oleg Borodin, RV3GM

-----  
Date: Fri, 03 Aug 2001 09:29:21 -0700  
From: lhlousek <lhlousek@nvhbell.net>  
To: k3tks@u1.abs.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104121] Re: [GQRP] CQ QRP  
Message-ID: <002801c11c39\$738fc4c0\$650dfea9@nvhbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

<<<Most use "CQ QRP" to let others know that they are running QRP.>>>

Sending "CQ QRP" would normally be interpreted as calling any QRP station using the accepted CW syntax. If you don't care if the other station is QRP and would like to invite anybody to respond but want to identify yourself as QRP you append it to the end of your call as in W7DZN/QRP.

Likewise, If a FISTS member calls "CQ FISTS" don't respond unless you are a FISTS member because he is specifically calling other FISTS. If he sends CQ DE W7DZN/FISTS that means he is calling anyone and lets other FISTS members know that he is a FISTS member in case they want to collect his number.

And, of course, as I pointed out before, a FOX shouldn't call "CQ FOX". He should call CQ Hounds or CQ K9 or CQ Doggies or something.

Why not stick to the accepted "grammatically correct" CW syntax? No need to invent our own form of ebonix.(sic)

Lou W7DZN

-----  
Date: Fri, 3 Aug 2001 12:33:32 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Cc: "Frenaye, Tom (Dir, NE)" <tfrenaye@arrl.org>  
Subject: [104122] W1RFI's personal views on QRP DXCC and how to proceed from here  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B35C2@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

I am about to offer some of my opinions wrt some of the threads involving QRP and DXCC. Let me start by making it clear that I am speaking personally, not on behalf of ARRL or QRP ARCI. Although I do have regular discussions with Wayne Mills, the ARRL Membership Services Department Manager, about the subject. But even those discussions are more of a personal nature, for me, anyway. (I am posting this from my arrl.org account, but I get my QRP email here because Outlook does a better job of sorting it than does AOL from home. Besides, I \*do\* work in ham radio!)

I will also say up front that I am both an ARRL member and an avid QRP ARCI member and supporter. IMHO, ARCI is the organization that best represents the national interests of QRP and they should have the support of every QRPer. (I also have great respect for many of the regional QRP clubs and feel that they are doing good and important things for QRP!) I do not agree at all times with what ARRL or ARCI does, but I believe strongly that both organizations need our support. (And, as a member of both, I get to tell them what I think from time to time!)

As to QRP DXCC, I share the desire by many here to see ARRL to continue from its latest step toward QRP DXCC. In that light, I believe that we need to accomplish that goal by being positive and encouraging with the ARRL. Let's face it, there are those among us that never believed the ARRL would go as far as it did with the recent QRP DXCC award. When I get that award and put it on my wall, it is an indication that ARRL recognizes the value of my QRP accomplishments and that my QRP interest is worthy of their concern. That is a positive step.

This is the step that ARRL has taken right now. It is a good one for QRP, even if it is not as far as I personally would have liked. If we want to see the League take the next steps, and I do, we need to ensure that the ARRL Board understands that doing so will be a positive thing for Amateur Radio, for the ARRL and for the QRP community. That will be best accomplished through appreciation and encouragement. We can, and should, let the League know if we are disappointed that there is still more progress to be made, but I think the ARRL Board is expecting to hear the appreciation I told some of them would be coming from the QRP community. IMHO, the message that this is a good thing for QRP and the League is the strongest message they can hear right now.

Under the present rules, the DXCC award is issued irrespective of power level. However, asking the ARRL to take an award that has never had a power consideration and including one at the QRP level is a change that adds something entirely new to the award. In doing so, it is \*we\* who are asking the ARRL to make a distinction between the way that QRP is treated under the award. Some have correctly noted that the very premise of the award presumes that the QRO operator follow the rules of his or her country. True enough, but under the terms of reference of the present award, the ARRL does not arbitrate this -- the administrations of the involved countries arbitrate this. If a DXCC member were to lose his or her license because of running high power, his or her DXCC is history. Well, that doesn't apply to QRP. No ham is going to be busted by his or her administration for using 6 watts instead of 5 to crack a pileup. Putting the ARRL into a position of arbitration and verification that it has not previously been in is a change -- one that does involve power, one that does involve a distinction between QRP and QRO, and one that is a distinction that \*we\* as a community have raised with ARRL.



IMHO, over the years, the ARRL has been a strong supporter of QRP. It has featured QRP construction projects regularly in QRP for as long as I can remember. It recently added a QRP column to QST, and (to the extent it can find writers) to the ARRL web page. It has added QRP categories to most contests and is now taking a step in the QRP direction with DXCC. I agree with what Ken has said, both publically and privately to me, that we need to communicate our views on this step to the ARRL Board. But in doing so, I feel that we need to be sure not to imply that we think the League sees QRP as anything less than an active, vibrant and important part of Amateur Radio. Doing so would be unfair and would only serve to undermine the progress that QRP has made over the years, and could undermine the view of QRP amongst the ARRL Board members (some of whom ARE QRPers, btw!)

If we want to see the ARRL continue in the direction it has been taking, it is up to the QRP community to help the League see why it is important that it do so. That help needs to be expressed in a positive way. As one who personally knows some of those who will be tasked with making any future decisions about QRP and DXCC and as one who has a pretty good feel for the overall scope of what the ARRL Board of Directors deals with, I can offer some suggestions on how to most effectively make our points with ARRL.

As QRP's low friend in high places in the ARRL Lab, I want to offer my personal views from my unique perspective that I can about how the League got to this point, and what things the QRP community can do to encourage ARRL to take the next steps. At this stage, the League has taken the step it has taken, and it is a good one. Although there is no certainty that the League will do more, there is room to consider ways that ARRL can better serve the QRP part of the Amateur community. Speaking *only for myself*, intermediate steps could include things like a QRP-100 award that requires QSL cards or even something as unexpected as a 2X QRP award or perhaps a "Worked 100 QRP Countries" award, for which the QSL cards issued by the DX station *could* verify that *he or she* was running QRP. [That sure solves the "verification issue, eh? :-) ]

Although right now the verification issues are in the way of a "fully endorseable" QRP award, who knows how the League would react if thousands of folks express enthusiasm for the QRP award that *is* on the table right now. I, for one, am going to thank Tom Frenaye, the New England Division Director, for the step the League has taken, and I will encourage him to help the League find a way to address the concerns that may stand in the way of the League doing more. I encourage my fellow QRPers to do the same, in your own words and with your own balance between appreciation for what has been done, and the good it will do for QRP, and disappointment that the League was not able to do more. You can contact your ARRL Division Director at the address info at: <http://www.arrl.org/divisions>.

Apparently, seeing a more comprehensive QRP DXXX will be a longer-term project than I would have hoped, but I am in Amateur Radio for the long run.

It may take me the rest of my life to accomplish all the goals I have in ham radio, but that works out perfectly fine -- that is exactly how much time I have!

73 to all my "QRP buddies,"  
Ed Hare, W1RFI

-----  
Date: Fri, 03 Aug 2001 12:47:26 -0400  
From: John Wagner <john@neknetwork.com>  
To: lhlousek@nvhbell.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104123] Re: [GQRP] CQ QRP  
Message-ID: <3B6AD59E.56EF086A@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

lhlousek wrote:

>  
> And, of course, as I pointed out before, a FOX shouldn't call "CQ FOX".  
> He should call CQ Hounds or CQ K9 or CQ Doggies or something.  
>

I believe you are incorrect here Lou. The foxhunt is a contest and as such calling CQ FOX is correct, just like calling CQ FD or CQ TEST or CQ SP (spartan sprint). If you are in a contest, you don't call CQ de YOURCALL/TEST when inviting other stations to call you. You are not seeking other foxes (well actually the two foxii in the double hunts are supposed to work each other), you are announcing that you are a FOX station in the FOX contest.

> Why not stick to the accepted "grammatically correct" CW syntax? No  
> need to invent our own form of ebonix.(sic)

As I mentioned above, I think it is correct - we are sticking to the accepted syntax.

>  
> Lou W7DZN

73 de John, N1QO

--  
John Wagner - john@neknetwork.com  
Web page: <http://www.neknetwork.com>

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Date: Fri, 03 Aug 2001 10:12:14 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: w1rfi@arrl.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104124] Re: W1RFI's personal views on QRP DXCC and how to proceed from here  
Message-ID: <3B6ADB6E.953291BE@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Hare,Ed, W1RFI" wrote:

>

> I am about to offer some of my opinions wrt some of the threads involving  
> QRP and DXCC. ....

Good commentary, Ed. It is clear that the ARRL has been getting much more QRP focused in the past several years (columns, articles, rigs featured in the Handbook, product reviews, etc.). Comments I've seen saying that they are somehow QRO-focused are just plain wrongheaded.

73, Phil W7OX

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Date: Fri, 03 Aug 2001 12:18:54 -0500  
From: Wayne <aa5jj@swbell.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104125] Manhattan Homebrewing Starter Kit ???  
Message-ID: <002c01c11c40\$5f4ab220\$d761fea9@Wayne>  
MIME-version: 1.0  
Content-type: text/plain; charset="iso-8859-1"  
Content-transfer-encoding: 7bit

Has anyone else ordered one of these kits yet and received it ?

-----

Date: Fri, 03 Aug 2001 10:22:41 -0700  
From: lhlousek <lhlousek@nvbell.net>  
To: john@neknetwork.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104126] Re: [GQRP] CQ QRP  
Message-ID: <004501c11c40\$e7047c00\$650dfea9@nvbell.net>

MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi John,

<<<The foxhunt is a contest and as such calling CQ FOX is correct, just like calling CQ FD or CQ TEST or CQ SP (spartan sprint).>>>

When I call "CQ TEST DE W7DZN" (or FD or whatever) I am calling only other stations participating in the contest or stations willing to participate in a contest type exchange. "TEST" identifies the stations I am calling. The assumption is that since I'm a calling TEST stations I am a participant myself.

Again, "CQ XXX DE W7DZN" means "Calling any XXX". "CQ DE W7DZN /XXX" means I am an XXX.

Just how would you propose we distinguish between calling a particular class of stations and identifying oneself as being a member of a particular class of stations?

Lou W7DZN

-----  
Date: Fri, 03 Aug 2001 12:28:00 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: lhlousek@nvhbell.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104127] Re: [GQRP] CQ QRP  
Message-ID: <3B6ADF20.D9A45A97@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Lou, why don't you just try a Fox Hunt yourself and see how it works?

Trust me, hundreds if not thousands of Fox Hunt contacts have been made over several years now using this "improper" calling technique.

The procedure works perfectly among the group it is intended to work within - 'nuff said.

Why are you so concerned about this?

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

lhlousek wrote:

>  
> Hi John,  
>  
> <<<The foxhunt is a contest and as such calling CQ FOX is correct, just  
> like calling CQ FD or CQ TEST or CQ  
> SP (spartan sprint).>>>  
>  
> When I call "CQ TEST DE W7DZN" (or FD or whatever) I am calling only  
> other stations participating in the contest or stations willing to  
> participate in a contest type exchange. "TEST" identifies the stations  
> I am calling. The assumption is that since I'm a calling TEST stations  
> I am a participant myself.  
>  
> Again, "CQ XXX DE W7DZN" means "Calling any XXX". "CQ DE W7DZN /XXX"  
> means I am an XXX.  
>  
> Just how would you propose we distinguish between calling a particular  
> class of  
> stations and identifying oneself as being a member of a particular  
> class of stations?

-----

Date: Fri, 3 Aug 2001 04:41:28 +0000 (UTC)  
From: "Robert M. Kimbrell" <kimbrell@SDF.lonestar.org>  
To: qrp-l@Lehigh.EDU  
Subject: [104128] History of Early Radio  
Message-ID: <Pine.LNX.4.21.0108030436370.16215-100000@otaku.freeshell.org>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

An excellent history of early radio can be found at

<http://www.ipass.net/~whitetho/index.html>

It covers 1897 to 1927. Enjoy. I know it will make some of you guys get misty eyed reading about the pioneers. (It did me)

Bob Kimbrell AC7BN Kingman, Arizona

kimbrell@freeshell.org  
<http://kimbrell.freeshell.org/>  
SDF Public Access UNIX System - <http://sdf.lonestar.org>

-----  
Date: Fri, 03 Aug 2001 10:42:51 -0700  
From: Russ Carpenter <[russ@natworld.com](mailto:russ@natworld.com)>  
To: QRP-L List <[qrp-l@lehigh.edu](mailto:qrp-l@lehigh.edu)>  
Subject: [104129] Don't Miss The SPARTAN SPRINT ON MONDAY!  
Message-ID: <B79030A9.8B07%[russ@natworld.com](mailto:russ@natworld.com)>  
Mime-version: 1.0  
Content-type: text/plain; charset="US-ASCII"  
Content-transfer-encoding: 7bit

The August Spartan Sprint will be held on August 6, 2001 (which is our standard date--the first Monday of the month). You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit obese. We commend the winners in two categories--points (the Tubby Division), and points per pound (the Skinny Division).

If you are a newcomer to the Sprints, take a look at the introductory material at the end of this post.

1. Start at 9:00 PM EDT, 8:00 CDT, 7:00 MDT and 6:00 PDT. Finish at 11:00 PM EDT, 10:00 CDT, 9:00 MDT and 8:00 PDT. In terms of UTC, start at 0100 and finish at 0300, Tuesday.
2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)
3. Exchange RST, SPC (state, province or country) and power output.
4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."
5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to [www.natworld.com/ars](http://www.natworld.com/ars) and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at [www.natworld.com/ars/ss\\_log.html](http://www.natworld.com/ars/ss_log.html).

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers and batteries used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound.

For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send Russ Carpenter, AA7QU, an e-mail with your total QSOs and the total weight of your station. You may also include your comments from the soapbox. Russ' email address is russ@natworld.com.

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday afternoon.

\*\*\*\*\*

The Spartan Sprint is based on a simple but stimulating concept. We are encouraging all of you to cobble together the kind of station you'd use in a portable environment--lightweight transceiver, keyer, key, and battery. Then put that turkey on the air, and participate in a two hour sprint.

All operators are invited to play, whether or not they are members of Adventure Radio Society. Even if you don't have lightweight equipment, your participation will be rewarding, both for you and the other participants. We'll report the score in two different formats--absolute scores, and points per pound of station weight. So you can get your kicks from running up a magnificent score, or achieving an remarkable ratio of points per pound.

If you're thinking about becoming a member of Adventure Radio Society, just send Richard Fisher (our membership chairman) an e-mail expressing your interest. Richard's e-mail address is KI6SN@aol.com. Membership is free, and the organization has a great group of men and women who combine their love of ham radio with their affection for the outdoors. You don't need to be a macho person; ARS welcomes people of all ages and levels of ability.

Russ Carpenter, AA7QU, Contest Manager

russ@natworld.com

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Date: Fri, 03 Aug 2001 10:49:08 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: kimbrell@SDF.lonestar.org  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104130] Re: History of Early Radio  
Message-ID: <3B6AE414.2E880766@earthlink.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Robert M. Kimbrell" wrote:

>  
> An excellent history of early radio can be found at  
>  
> <http://www.ipass.net/~whitetho/index.html>  
>  
> It covers 1897 to 1927. Enjoy. I know it will make some of you guys get  
> misty eyed reading about the pioneers. (It did me)  
>

Thanks, Bob. I'm glad you said "early" radio. For an instant I thought  
it was all over in 1927 and I had not noticed :-;

73, Phil

-----  
Date: Fri, 03 Aug 2001 14:06:31 -0400  
From: Kenneth Hoglund <hoglund@wfu.edu>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104131] Summer Daze Dry Run  
Message-ID: <3B6AE827.2DD3D4B6@wfu.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

As you all know, the QRPARCI Summer Daze SSB sprint is this coming  
Sunday, Aug. 5th. I want to test my my brand spanking new 20m dipole for  
ssb, and tonite is a good opportunity. Hope to be on from 0300 UTC till  
I drop (probably shortly after midnight EDT). Will be somewhere around  
14.280's calling cq. If you want to test your ssb 20m potential, come on  
in---the water's fine!

73

Ken KG4FGC

-----  
Date: Fri, 03 Aug 2001 11:18:02 -0700  
From: lhlousek <lhlousek@nvhbell.net>  
To: w5yr@att.net, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>



Subject: [104132] Re: [GQRP] CQ QRP  
Message-ID: <006201c11c48\$a28f2e00\$650dfea9@nvhbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi George,

<<The procedure works perfectly among the group it is intended to work within- 'nuff said.>>

Yes, it certainly does and in the context of FOX hunts it really doesn't matter. But, in the larger scheme of things, there really should be a way to distinguish between calling a specific class of station or identifying oneself as a specific class of station. Happily there is a very easy to use and well established way of doing this. That is, send "CQ XXX" when calling an XXX and send DE W5YR /XXX when you be one.

If you don't agree with this standard than how do you propose to we make that distinction?

Lou W7DZN

-----  
Date: Fri, 3 Aug 2001 19:20:09 +0100  
From: "Steve Farthing" <stephen@stevef.demon.co.uk>  
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>  
Cc: "Alan Rowe" <alan@rowe9.freemove.co.uk>, "Verduyn Jan-qswi296" <Jan.Verduyn@motorola.com>  
Subject: [104133] Paris - the most romantic city in the world  
Message-ID: <MABBLGJEEFHCJIEHNCOFIEKGCDA.A.stephen@stevef.demon.co.uk>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Ladies and Gentlemen,

If, perchance, you are visiting Paris for a romantic holiday with your partner be sure to take the metro to the Place de la republique. It's very historic so the idea is easily sold. Take a stroll down the Boulevard Du Temple and stop at one of the many cafes for a glass of wine. Then, accidentally, discover the coolest shop in Paris as you walk past. "Good grief darling - what an amazing discovery, look, over there, see that shop called "Radio Tubes". Would you mind if I took a look inside.....

In my case it was a chance discovery whilst my girlfriend went shopping.  
The proprietor has a web site.

<http://www.chez.com/radiotubes/eng.htm>

Adieu,

Stephen

-----  
Date: Fri, 3 Aug 2001 14:21:45 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'Phil Wheeler'" <w7ox@earthlink.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104134] RE: W1RFI's personal views on QRP DXCC and how to proceed from  
he

re

Message-ID: <125490A005E3D3118C9C00805FC743CC023B35C5@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

> Comments I've seen saying that they are somehow QRO-focused are just plain  
wrongheaded.

Hi, Phil,

Well, what really counts is how we respond to the new ARRL award by our  
participation and the things we choose to say to the ARRL Board in  
communicating our views. I see no harm at all in our letting off a bit of  
steam here amongst ourselves. Haven't we ALL done that from time to time?  
I saw nothing here that has been harmful to QRP, ARRL, QRP ARCI or the  
people offering their views.

73,

Ed Hare, W1RFI

> -----Original Message-----  
> From: Phil Wheeler [mailto:w7ox@earthlink.net]  
> Sent: Friday, August 03, 2001 1:12 PM  
> To: w1rfi@arrl.org  
> Cc: Low Power Amateur Radio Discussion  
> Subject: Re: W1RFI's personal views on QRP DXCC and how to  
> proceed from  
> here

>  
>  
>  
>  
> "Hare,Ed, W1RFI" wrote:  
> >  
> > I am about to offer some of my opinions wrt some of the  
> threads involving  
> > QRP and DXCC. ....  
>  
> Good commentary, Ed. It is clear that the ARRL has been getting much  
> more QRP focused in the past several years (columns, articles, rigs  
> featured in the Handbook, product reviews, etc.). Comments I've seen  
> saying that they are somehow QRO-focused are just plain wrongheaded.  
>  
> 73, Phil W7OX  
>

-----  
Date: Fri, 03 Aug 2001 11:30:29 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: stephen@stevef.demon.co.uk  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104135] Re: Paris - the most romantic city in the world  
Message-ID: <3B6AEDC5.A5D21953@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Steve Farthing wrote:

>  
> Ladies and Gentlemen,  
>  
> If, perchance, you are visiting Paris for a romantic holiday with your  
> partner be sure to take the metro to the Place de la republique. It's very  
> historic so the idea is easily sold. Take a stroll down the Boulevard Du  
> Temple and stop at one of the many cafes for a glass of wine. Then,  
> accidentally, discover the coolest shop in Paris as you walk past. "Good  
> grief darling - what an amazing discovery, look, over there, see that shop  
> called "Radio Tubes". Would you mind if I took a look inside.....  
>

Paris: My favorite city in the world.

But going/staying there costs many farthings, Steve :-;

73, Phil W7OX

-----  
Date: Fri, 03 Aug 2001 11:35:13 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104136] Re: W1RFI's personal views on QRP DXCC and how to proceed from here  
Message-ID: <3B6AEEE1.35E35EBD@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"Hare,Ed, W1RFI" wrote:

>  
> > Comments I've seen saying that they are somehow QRO-focused are just plain  
> wrongheaded.  
>  
> Hi, Phil,  
>  
> Well, what really counts is how we respond to the new ARRL award by our  
> participation and the things we choose to say to the ARRL Board in  
> communicating our views. I see no harm at all in our letting off a bit of  
> steam here amongst ourselves. Haven't we ALL done that from time to time?

Agreed.

> I saw nothing here that has been harmful to QRP, ARRL, QRP ARCI or the  
> people offering their views.  
>

Well depends on what you regard as "harmful to ... the people offering  
their views" :-;

73, Phil

-----  
Date: Fri, 03 Aug 2001 13:40:00 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: lhlousek <lhlousek@nvhbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104137] Re: [GQRP] CQ QRP

Message-ID: <3B6AF000.FCEAA250@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I don't, since I see no need to intrude my personal notions on how people use their transmitters.

Now, let's drop this thread and get back to QRP radioing . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

lhlousek wrote:

>  
> Hi George,  
>  
> If you don't agree with this standard than how do you propose to we make  
> that distinction?

-----  
Date: Fri, 03 Aug 2001 14:47:54 -0400  
From: John Wagner <john@neknetwork.com>  
To: lhlousek <lhlousek@nvhbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104138] FOX: CQ FOX was: Re: [GQRP] CQ QRP  
Message-ID: <3B6AF1DA.65030C00@neknetwork.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hey Lou,

I've changed the subject: so people with FOX filters can ignore this...

lhlousek wrote:

>  
> Hi John,  
>  
> <<<The foxhunt is a contest and as such calling CQ FOX is correct, just  
> like calling CQ FD or CQ TEST or CQ  
> SP (spartan sprint).>>>  
>  
> When I call "CQ TEST DE W7DZN" (or FD or whatever) I am calling only

> other stations participating in the contest or stations willing to  
> participate in a contest type exchange. "TEST" identifies the stations  
> I am calling. The assumption is that since I'm a calling TEST stations  
> I am a participant myself.

You're right - and the same goes for the Fox hunt. You are calling other stations participating in the contest or other stations willing to participate in a contest type exchange. The name of the contest is the "foxhunt" so CQ FOX is appropriate. I would argue that "TEST" does not identify the stations your calling (the are not /TEST stations), you calling for participants in the TEST.

>  
> Again, "CQ XXX DE W7DZN" means "Calling any XXX". "CQ DE W7DZN /XXX"  
> means I am an XXX.

In a contest you call CQ TEST de YOURCALL and participants in the contest answer you. That is exactly what the FOX is doing. When someone calls CQ FISTS they are in essence calling people wanting to exchange FISTS numbers so in essence they are in a contest too.

About the only difference in the Fox contest is there are stations designated as Fox stations. In other 'tests you can call CQ or hunt and pounce. We're just designating who's the CQ'er and who's the hunt and pouncers.

> Just how would you propose we distinguish between calling a particular  
> class of  
> stations and identifying oneself as being a member of a particular  
> class of stations?

Sorry, I guess I don't get your question. If you call CQ FOX, you're a designated FOX station in the FOX contest - that's how we all know who the fox is. People who call you are in the contest. Other contests have similar formats (like, um, all of them), so I don't see why we should make the Foxhunts work differently.

We're really beating a dead horse here, to death, twice. The foxhunt follows the format of most every other contest and my opinion is it should continue to do so.

73 de John, N1Q0

>  
> Lou W7DZN

--  
John Wagner - john@neknetwork.com

Web page: <http://www.neknetwork.com>

-----  
Date: Fri, 3 Aug 2001 12:50:13 -0600 (MDT)  
From: "Karl F. Larsen" <k5di@zianet.com>  
To: <qrp-l@lehigh.edu>  
Subject: [104139] Reality  
Message-ID: <Pine.LNX.4.33.0108031226370.1551-1000000@localhost.localdomain>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

When I read that someone gets misty eyes from reading about the Old Days, it makes me sad. I have a good interest in history and enjoy reading about the development of electronics from a historical and technical basis.

The real important stuff is not what happened in 1950, but rather what happened yesterday. I was invited to join the Flying Pigs yesterday and still thinking about it. I enjoy this QRP-L list and look for new or repeat things that will be fun.

I'm 66 years old and understand I may die tomorrow. But probably won't. So I plan to make a 5 day wilderness backpack with radio's and dogs. It's fun and I have re-learned that planning and doing an event with others is worth while and very good.

Last evening I set up the gear and lightning stayed away and was able to work both Fox. I was called by k9di Wayne who was wondering about antenna and how to get out from his digs that don't allow outside antenna. I put him in serch of the W3FF dipole which works good here and should do well in the mid-west.

Attended the Fort Tuthill QRP section hamfest and had just a lot of fun. I heard from Bob Hightower that he thinks next year will be the last QRP group effort he and his wonderful wife can put on. I see this as a call to me to volunteer to do much more for the scQRPions and take over putting up the QRP display area with a lot of help I will round up, as a good example. I think I can get that done. All the Hightower's need to do is be there and answer questions.

This is the here and now. This is where we should all be looking, not backwards 50 years. I am not interested in what was. I was part of what was and it happened back there. Be interested in what happens tomorrow!

--

Yours Truly,

- Karl F. Larsen, k5di@arrl.net (505) 524-3303 -

-----  
Date: Fri, 3 Aug 2001 14:52:28 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [104140] Homebrew Dials (again)  
Message-ID: <002501c11c4d\$74092360\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

Whenever I posted the Windoze program for dials, someone asked about a Linux version. Well, I'm not an X programmer, and my Linux box is way too small to run X anyway. Plus, each window mangler has it's own little quirks, and as soon as we get a Linux version, we'll want a BSD version and a Mac version and an OS/400 version, and, and, and ....

Well, the old man got to thinking, if a person has any Unix-like operating system, he has a compiler, probably gcc, and GhostScript. If he's got a Mac or an Alpha or an AS/400 he probably has a PostScript printer. So a console program which outputs PostScript and is written in a pure dialect of C might not be entirely useless.

OK, so the result of all this is in the archive  
<http://www.hfradio.org/wb8rcr/downloads/Dial.tar.gz>

It contains:

- the C source
- the gcc makefile
- a RedHat i386 executable
- an example input script

Like the Windoze version, pretty bare bones. No man file, no RPM, not even a README (use the source, Luke). OK, if you're gonna try this on OpenVMS you're gonna have to be cute with logical names, but if you're using VMS you already knew that. And if you're using MVS (or MFT for that matter) you are probably better at the JCL than I.

Sadly, the biggest potential user of this, the MS-DOS/Win 3.1 user, is probably out of luck. It should compile and run OK, but I imagine it would be a bit of a trick to get GhostScript to run under DOS (maybe not) and these are the least likely folks to have a PostScript printer. Plus, it's a



fair bit of work to get gcc to run under DOS, so I suspect very few of these folks have it, or any other C compiler.

Unfortunately, I can't find the emails from the folks who wrote about Linux, so if you're one of them, let me know how you make out.

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Fri, 03 Aug 2001 11:58:11 -0700  
From: lhlousek <lhlousek@nvgbell.net>  
To: "George, W5YR" <w5yr@att.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104141] Re: [GQRP] CQ QRP  
Message-ID: <008001c11c4e\$3e64ba20\$650dfea9@nvgbell.net>  
MIME-version: 1.0  
Content-type: text/plain; charset=iso-8859-1  
Content-transfer-encoding: 7BIT

Hi George,

<<<I don't, since I see no need to intrude my personal notions on how people use their transmitters...Now, let's drop this thread and get back to QRP radioing . . .>>

I consider using proper calling and ID procedures about as important and appropriate as anything else discussed on this list and you gotta admit (I hope) that it's more relevant than Radio Shack, QRO or FISTS bashing. HI!

And, George, what you do with your transmitter in the privacy of your own home is solely your business but what you do with it on the air is in the public domain (and regulated by law).

72, Lou W7DZN

-----  
Date: Fri, 03 Aug 2001 13:58:55 -0500  
From: "George, W5YR" <w5yr@att.net>  
To: lhlousek <lhlousek@nvgbell.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [104142] Re: [GQRP] CQ QRP  
Message-ID: <3B6AF46F.AFD3D790@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

This thread is closed out of respect for QRP-L . . .

72/73, George W5YR - the Yellow Rose of Texas QRP-L 1373 NETXQRP 6  
Fairview, TX 30 mi NE of Dallas in Collin county EM13qe  
Amateur Radio W5YR, in the 55th year and it just keeps getting better!  
Icom IC-756PRO #02121 Kachina #91900556 IC-765 #02437

lhlousek wrote:

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> Hi George,  
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> <<<I don't, since I see no need to intrude my personal notions on how  
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> radioing . . .>>  
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> (I hope) that it's more relevant than Radio Shack, QRO or FISTS bashing.  
> HI!  
>  
> And, George, what you do with your transmitter in the privacy of your  
> own home is solely your business but what you do with it on the air is  
> in the public domain (and regulated by law).  
>  
> 72, Lou W7DZN

-----  
Date: Fri, 03 Aug 2001 15:03:37 -0400  
From: "Mark J. Dulcey" <mark@buttery.org>  
To: wb8rcr@arrl.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104143] Re: Homebrew Dials (again)  
Message-ID: <3B6AF589.361A4C2F@buttery.org>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

"John J. McDonough" wrote:

>

> Sadly, the biggest potential user of this, the MS-DOS/Win 3.1 user, is  
> probably out of luck. It should compile and run OK, but I imagine it would  
> be a bit of a trick to get GhostScript to run under DOS (maybe not) and  
> these are the least likely folks to have a PostScript printer. Plus, it's a  
> fair bit of work to get gcc to run under DOS, so I suspect very few of these  
> folks have it, or any other C compiler.

Actually, there IS a DOS version of Ghostscript, though it is no longer being deveveloped; the last version for that platform was 5.10, and Ghostscript is up to version 7.0 now. The older version will handle all your basic needs just fine; what's missing is Postscript Level 3 and PDF support. It runs under a DOS extender, so you do need an 80386 or later and a few megabytes of extended memory. There are prebuilt binaries available, so you don't have to worry about getting gcc or any other development tools to run.

<http://www.cs.wisc.edu/~ghost/doc/AFPL/get510.htm>

-----  
Date: Fri, 3 Aug 2001 15:12:24 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [104144] SHORT VERTICALS: Point of earlier post  
Message-ID: <35.18bf3140.289c5198@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

A few weeks ago I posted info from PRACTICAL WIRE ANTENNAS that illustrated that at some point no matter what you do there is very little one can do to improve performance of inherently short antennas. The difference between 3 percent efficient and 5 percent is not worth discussing. Heck the difference of up to 3 dB increase is questionable as to whether it is significant in many circles

The discussion of the Miracle antenna seems to illustrated that folks may have missed the earlier post since it would have been clear that there is no magic out there in regard to radiators. You may want to check the archives or go to the book itself pgs 53-55.

Speaking of verticals the SPARTAN SPRINT may be a good time to check out vertical ops (1/4 wl and less). I will be running 1/4wl with 12 16 ft radials (6 wire ribbon)--looking to work y'all.

Alan KB7MBI

-----

Date: Fri, 3 Aug 2001 12:40:23 -0700  
From: <schoon@amgt.com>  
To: <qrp-1@Lehigh.EDU>, <mark@buttery.org>  
Subject: [104145] RE: Homebrew Dials (again)  
Message-ID: <c=US%a=\_%p=American\_Geotech%l=AG-CALCITE-BD-010803194023Z-2333@ag-basalt-pxy.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

Also, there is the most capable djgpp compiler for Win/DOS as well as the Cygwin suite. What may be a better default printer format is PDF and skip PS. PDF format is readable on just about any platform and doesn't require GS to do it..... So, when's the Palm Pilot version coming out?? :)

72

.mark

>-----  
>From: Mark J. Dulcey[SMTP:mark@buttery.org]  
>Sent: Friday, August 03, 2001 12:03 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Homebrew Dials (again)  
>  
>"John J. McDonough" wrote:  
>>  
>> Sadly, the biggest potential user of this, the MS-DOS/Win 3.1 user, is  
>> probably out of luck. It should compile and run OK, but I imagine it would  
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>  
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>Ghostscript is up to version 7.0 now. The older version will handle all  
>your basic needs just fine; what's missing is Postscript Level 3 and PDF  
>support. It runs under a DOS extender, so you do need an 80386 or later  
>and a few megabytes of extended memory. There are prebuilt binaries  
>available, so you don't have to worry about getting gcc or any other  
>development tools to run.  
>  
><http://www.cs.wisc.edu/~ghost/doc/AFPL/get510.htm>

>  
>  
>

-----  
Date: Fri, 03 Aug 2001 11:54:13 -0800  
From: Jim Larsen AL7FS <AL7FS@pobox.alaska.net>  
To: "qrp-1@lehigh.edu" <qrp-1@lehigh.edu>  
Subject: [104146] Fox #12 AL7FS Preliminary Log (Long)  
Message-ID: <3B6B0165.5873E3DE@pobox.alaska.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I have typed up the preliminary log from our Fox experience last night. I will be out of town for a few days and will post a final log early next week.

Total = 60. 61 if I count myself...I was told to add myself to the list...not sure why. I was a bit out of sync with my brain for the first 5 minutes but then it came together and I like the new format. If propagation had been good I believe I would have had much better luck. Still...I am always happy to work 60 folks any day.

I was shocked at how high my copy accuracy was with gobs of weak signals (greater than 2/3 of contacts were really 229/339). Yes, I gave in to the 559 syndrome as I just couldn't think fast enough at first. Maybe next time I will just give all 339s which is more accurate but I didn't want everyone to send all info twice. :-)

My local QRM that I moved to avoid found me at the lower frequency. It gradually slid upwards over time pushing me up. I could not tune below my op freq. as the QRM was there. I finally had enough as I was losing contacts due to the noise and jumped about 4 KHz down to leave it above me. I am sure I lost a few people in the moves but I had no choice.

Conditions "into" Alaska were not good but it is amazing that I could work that many stations at that weak of a level. Folks were quite good from my perspective although I understand that at least one participant had a bad habit of calling right on top of QSOs and on top of me for about a 15 minute period and he was using excessive calling. He made the log book but it would be good if all of us could try to use halfway decent procedure when trying to work the fox. Fortunately most do.

I tried hard to stay off my TX frequency and usually (slipped once or twice at about +300-400Hz) was RX well above +500 Hz. It really helped to change the options on my TS450S so I could RIT +/-2.2 KHz. Stations were worked as high as 1.5 KHz up. I did not use the DSP at all and that really helped! With the wider bandwidth (500 Hz filter) I found I was copying some stations on a really, really, low note and could not hear them if I tried to move the tone up to something like 500Hz or a bit more.

Many of the contacts were reminiscent of my career in EME but we made it.

I will do the drawing for the Alaska Wildberry Products prizes early next week when the log is final. My thanks to each and every one of you. I wish I could have worked all of you.

73, Jim

--

Jim Larsen, AL7FS, Anchorage, Alaska  
(BP51cc) - 61.101 North, 149.824 West  
mailto:al7fs@arrl.net - <http://www.qsl.net/al7fs/>

=====

AL7FS 3 Aug 01

20 meters - CW

Kenwood TS450S, OHR WM-2, KLM KT34A at 40 feet.

| UTC  | Call  | RST | S/P/C | Name  | Pwr |
|------|-------|-----|-------|-------|-----|
| 0201 | N0UR  | 559 | MN    | Jim   | 5w  |
| 0203 | VE5RC | 449 | SK    | Bruce | 5w  |
| 0204 | N4ROA | 559 | VA    | Dan   | 3w  |
| 0206 | N1EU  | 559 | NY    | Barry | 5w  |
| 0207 | N1FN  | 559 | CO    | ET    | 5w  |
| 0208 | NK6A  | 559 | CA    | Don   | 5w  |
| 0209 | VE6EX | 559 | AB    | Dan   | 5w  |
| 0211 | N9AW  | 559 | WI    | Jerry | 5w  |
| 0212 | N0DSP | 559 | CO    | Tom   | 5w  |
| 0212 | W9XU  | 559 | WI    | Lon   | 5w  |
| 0215 | K0FPR | 559 | CO    | Al    | 5w  |
| 0216 | K4GT  | 559 | GA    | Jim   | 5w  |
| 0217 | VA6RT | 559 | AB    | Earl  | 5w  |
| 0218 | K0EVZ | 559 | ND    | Doc   | 5w  |
| 0219 | K5AAR | 559 | OK    | Don   | 5w  |
| 0220 | AD6JV | 559 | CA    | Bill  | 5w  |
| 0223 | W6ABC | 559 | CA    | Jack  | 5w  |

|      |        |     |    |        |    |
|------|--------|-----|----|--------|----|
| 0224 | K5DI   | 559 | NM | Karl   | 5w |
| 0226 | NQ7X   | 559 | AZ | Floyd  | 5w |
| 0227 | K5E0A  | 559 | LA | Wayne  | 5w |
| 0228 | K7HBN  | 559 | WA | George | 2w |
| 0230 | N1TP   | 559 | FL | Tom    | 5w |
| 0231 | AA7XA  | 559 | OR | Frank  | 5w |
| 0233 | VE6JAZ | 559 | AB | Rob    | 5w |
| 0235 | WA9TZE | 559 | WI | Jim    | 5w |
| 0237 | K4BYF  | 559 | FL | Jack   | 5w |
| 0241 | N6WG   | 559 | CA | Bob    | 5w |
| 0243 | K5JHP  | 559 | TX | Bill   | 5w |
| 0245 | KI0II  | 559 | CO | Ron    | 1w |
| 0247 | N9NE   | 559 | WI | Todd   | 5w |
| 0250 | K7FD   | 559 | OR | John   | 5w |
| 0252 | KE6RS  | 559 | CA | Ron    | 5w |
| 0253 | VE6KG  | 559 | AB | Norm   | 5w |
| 0255 | N2WW   | 559 | CO | Larry  | 5w |
| 0301 | WA7SPY | 559 | CA | Glenn  | 5w |
| 0305 | VE1MT  | 559 | NS | Layton | 5w |
| 0308 | N5TW   | 559 | TX | Tom    | 5w |
| 0314 | N5IW   | 559 | TX | Dave   | 5w |
| 0315 | WD4J   | 559 | GA | Jim    | 5w |
| 0316 | K4MF   | 559 | FL | Gary   | 5w |
| 0317 | KJ0C   | 559 | MO | Jim    | 5w |
| 0318 | N7XY   | 559 | WA | Bob    | 5w |
| 0321 | W8RU   | 559 | MI | Ron    | 5w |
| 0322 | W0CH   | 559 | MO | Dave   | 5w |
| 0324 | KB7WW  | 559 | OR | Art    | 5w |
| 0326 | K5LN   | 559 | TX | Bill   | 5w |
| 0328 | K4FB   | 559 | FL | Paul   | 5w |
| 0329 | AA50   | 559 | LA | Vern   | 5w |
| 0331 | KC1FB  | 559 | CT | Jim    | 3w |
| 0333 | AC6UV  | 559 | CA | Gody   | 5w |
| 0336 | N0RC   | 559 | CO | Rod    | 5w |
| 0337 | AA5UN  | 559 | TX | Marty  | 5w |
| 0339 | WU9F   | 559 | WI | Terry  | 5w |
| 0344 | KB7MBI | 559 | WA | Alan   | 5w |
| 0345 | W9UQN  | 559 | AZ | Mike   | 5w |
| 0347 | W0RW   | 559 | CO | Paul   | 5w |
| 0348 | K3NG   | 559 | PA | Goody  | 5w |
| 0352 | AA4LR  | 559 | GA | Bill   | 5w |
| 0355 | NM5M   | 559 | TX | Eric   | 4w |
| 0359 | K5YU   | 559 | TX | Harv   | 5w |
| 0359 | AL7FS  |     |    |        |    |

=====

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Date: Fri, 3 Aug 2001 13:41:31 -0700  
From: Bob Nielsen <nielsen@oz.net>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104147] Re: Homebrew Dials (again)  
Message-ID: <20010803134131.B21677@oz.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Disposition: inline

On Fri, Aug 03, 2001 at 02:52:28PM -0400, John J. McDonough wrote:

>  
> OK, so the result of all this is in the archive  
> <http://www.hfradio.org/wb8rcr/downloads/Dial.tar.gz>  
>  
> It contains:  
> - the C source  
> - the gcc makefile  
> - a RedHat i386 executable  
> - an example input script

Very nice!

--

Bob Nielsen, N7XY  
Bainbridge Island, WA  
IOTA NA-065, USI WA-028S

nielsen@oz.net  
<http://www.oz.net/~nielsen>

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Date: Fri, 3 Aug 2001 16:44:55 EDT  
From: BruceAA5B@aol.com  
To: qrp-1@lehigh.edu, bob@applegate.org, nmqrp@yahoogroups.com  
Subject: [104148] reminder: QRP from NM's highest peak  
Message-ID: <6.1a594046.289c6747@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Reminder:

AA5B/QRP, highest point in New Mexico (Wheeler Pk, 13161 ft).  
Saturday, Aug 4, about 30-60 minutes only.  
Sometime between 1500 and 1800Z.



Special photo QSL cards!

Thanks,  
Bruce AA5B

-----  
Date: Fri, 3 Aug 2001 16:54:09 -0400 (EDT)  
From: Scott Ehrlich <se@panix.com>  
To: <qrp-1@lehigh.edu>  
Subject: [104149] Apartment antenna ideas?  
Message-ID: <Pine.NEB.4.33.0108031649220.8382-100000@panix2.panix.com>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello to all:

I live in a second story apartment with a sliding window and screen which opens to the parking lot of the complex. I have placed an order for a Small Wonders Labs PSK-30. What kind of antenna might be recommended? It would be difficult to place anything outside, unless I could try and clamp it to the window sill. The other option is something ceiling-mounted, like a wire.

I know this is a constantly repeated question. I've also ordered the ARRL QRP handbook.

Thanks in advance.

73,  
Scott, WY1Z

-----  
Date: Fri, 3 Aug 2001 16:55:48 -0400  
From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>  
To: "'se@panix.com'" <se@panix.com>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [104150] RE: Apartment antenna ideas?  
Message-ID: <125490A005E3D3118C9C00805FC743CC023B35DA@KAHLESS>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Hi, Scott,

I have operated /QRP sucessfully from apartments. The Super Antenna

antennas can be relatively easily clamped to balconies, railings, window sills, etc. It is sorta' like the screwdriver antenna, but without the screwdriver antenna motor. Like any short antenna, though, its efficiency will vary from poor on the low bands to fair on the high bands. I have personally watched hams use it to work QRP DX SSB mobile, though, getting through on the first call from W3 to Europe in a contest. When the band is open, even a fair antenna will make QRP contacts.

Other techniques I have used are indoor dipoles (40 meters, strung around the ceiling) and random wires secretly hung from my window to a nearby tree. I have also hung dipole outside, under the eaves of the building, from window to window. I once managed to get a dipole up 60 feet between a couple of trees, until one day the dipole was gone, and so were the trees! :-) Man, did that thing play!

I bought N1KB a 33-foot fiberglass mast (DK9SQ -- see Kanga US) that he is going to use as a "temporary" vertical from his condo deck. He will put a 40-meter vertical on it, and leave it collapsed at 3 feet when not in use. At night, he will go outside and put up the antenna and work a bit of CW, then put it down. He figures that way, it won't attract much attention.

AA1DO managed to get his antenna up but good at a condo. It is among the many articles available for download from the ARRL Tech Info page on limited space/apartment antennas.

See <http://www.arrl.org/tis/info/limited.html>

73,  
Ed Hare, W1RFI

> -----Original Message-----

> From: Scott Ehrlich [mailto:se@panix.com]

> Sent: Friday, August 03, 2001 4:54 PM

> To: Low Power Amateur Radio Discussion

> Subject: Apartment antenna ideas?

>

>

> Hello to all:

>

> I live in a second story apartment with a sliding window and

> screen which

> opens to the parking lot of the complex. I have placed an order for a

> Small Wonders Labs PSK-30. What kind of antenna might be recommended?

> It would be difficult to place anything outside, unless I

> could try and

> clamp it to the window sill. The other option is something

> ceiling-mounted, like a wire.

>  
> I know this is a constantly repeated question. I've also  
> ordered the ARRL  
> QRP handbook.  
>  
> Thanks in advance.  
>  
> 73,  
> Scott, WY1Z  
>

-----  
Date: Fri, 3 Aug 2001 17:03:28 EDT  
From: ARDUJENSKI@aol.com  
To: se@panix.com, qrp-1@lehigh.edu  
Subject: [104151] Re: Apartment antenna ideas?  
Message-ID: <125.2ac7715.289c6ba0@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

Let me be so bold as to suggest a DCTL----Alan KB7MBI

[http://www.io.com/~n5fc/dctl\\_ant.htm](http://www.io.com/~n5fc/dctl_ant.htm)

<http://www.io.com/~n5fc/zm2.htm>

-----from eHam review-----  
RE: Portable Operation Reply  
by KB8VWV on February 3, 2001  
I have just constructed a DCTL Antenna that I found at  
<http://home.earthlink.net/~mwattcpa/antennas.html>. This twin lead loop seems  
to have considerable gain over the dipole that I have been using. Seems to be  
quieter also. Works thumbtacked to the corners of the motel room and like I  
said quieter than the dipole with better signal reports.

The article says the antenna was in CQ & 73 in mid to Late 1994 called a  
Distributed Capacitance Twisted Loop.

Good Luck! I'm pleased.

-----  
Date: Fri, 3 Aug 2001 17:35:16 EDT  
From: ARDUJENSKI@aol.com  
To: qrp-1@lehigh.edu  
Subject: [104152] CQ magazine and QRP

Message-ID: <77.1884e6a9.289c7314@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"  
Content-Transfer-Encoding: 7bit

I have not seen a CQ in quite a few years and was wondering if there have been some good articles on QRP and / or antennas in the past year? I don't see it referenced very much so curious if worth going to the big city (Seattle) and look thru the library archives.

Thanks Alan KB7MBI

-----  
Date: Fri, 3 Aug 2001 22:27:45 +0100  
From: "Pete Milsom" <pete.milsom@virgin.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [104153] WTB MFJ Cub  
Message-ID: <000f01c11c63\$3b173040\$9b28fc3e@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi All, Does anyone in the UK have a 20m MFJ Cub surplus to requirements (or any other band) that they would like to sell. Don't mind if it is unbuilt,built or not working. Please e-mail me direct with details.  
73 de Pete.

-----  
Date: Fri, 03 Aug 2001 14:56:42 -0700  
From: Phil Wheeler <w7ox@earthlink.net>  
To: se@panix.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [104154] Re: Apartment antenna ideas?  
Message-ID: <3B6B1E1A.182E7062@earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I once had an apartment antenna problem, Scott. I ended up running a long piece of enamel "magnet" wire of very small diameter out the window, through a try and over the roof. It was never seen and loaded well with an MFJ tuner (needed a counterpoise .. indoors .. too). Worked very effectively

The DTCL antenna looks interesting. I also just received a Yo-Yo type antenna, a dipole on two reels which I will try from both indoors and outdoor (e.g., camping) locations.

I also have one of Vern's PW-1/MP-1 antennas. Not sure where you could mount it, though. Good for balconies and the like, but you did not mention having one.

You might want to do a Google search for the following:

- o indoor antennas
- o apartment antennas
- o stealth antennas

73, Phil W7OX

Scott Ehrlich wrote:

>  
> Hello to all:  
>  
> I live in a second story apartment with a sliding window and screen which  
> opens to the parking lot of the complex. I have placed an order for a  
> Small Wonders Labs PSK-30. What kind of antenna might be recommended?  
> It would be difficult to place anything outside, unless I could try and  
> clamp it to the window sill. The other option is something  
> ceiling-mounted, like a wire.  
>  
> I know this is a constantly repeated question. I've also ordered the ARRL  
> QRP handbook.  
>  
> Thanks in advance.  
>  
> 73,  
> Scott, WY1Z

-----  
Date: Fri, 3 Aug 2001 17:53:53 -0400  
From: "John J. McDonough" <wb8rcr@arrl.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Cc: <schoon@amgt.com>  
Subject: [104155] Re: Homebrew Dials (again)  
Message-ID: <041201c11c67\$5e0ffd80\$010044c0@baycty1.mi.home.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

----- Original Message -----

From: <schoon@amgt.com>

Subject: RE: Homebrew Dials (again)

> the Cygwin suite. What may be a better default printer format is PDF and  
> skip PS. PDF format is readable on just about any platform and doesn't  
> require GS to do it.....

I thought about PDF, but I have no documentation on the format, and I'm not even sure the documentation is public. PostScript is well documented and easy for this sort of thing.

> So, when's the Palm Pilot version coming out?? :)

Believe it or not, I actually have palm-gcc on my Windoze machine. But it's not at all obvious to me how I would make a Palm version useful <g>

72/73 de WB8RCR      <http://members.home.com/wb8rcr/index.htm>  
didileydadidah      QRP-L #1446 Code Warriors #35

-----  
Date: Fri, 3 Aug 2001 21:56:20 +0100  
From: "Kenneth Evans" <w4du@mediaone.net>  
To: "QRP-L Discussion" <qrp-l@Lehigh.EDU>  
Subject: [104156] QRP-DXCC Final Post  
Message-ID: <00a301c11c5e\$c3e8c500\$6601a8c0@atl.mediaone.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Gang,

Since I started this thread, I have had an opportunity to calm down. First I want to apologize for my sarcastic remarks about credibility. They were way out of line.

Let me give some background. In the past few months, QRP ARCI President - Jim Stafford, W4QO- has been conversing with people at the ARRL about the methods for implementing a QRP DXCC by the league. As a member of the QRP ARCI Board, I participated in a number of conversations about this subject. After some dialogue with the league, the QRP ARCI BoD thought there was an

understanding of the structure that was to be recommended to the ARRL Board. The bottom line is that the award the ARRL BoD approved and the one that QRP ARCI had discussed with the league were very different. My initial post was based upon my disappointment with the major changes and the method in which QRP ARCI was informed of those changes.

Now that I am somewhat calmer, I want to say that I agree that the step the ARRL has taken is a positive one. I will apply for the award and encourage others to do the same. I am still very disappointed that the award is not more "main stream" in nature. Many of the QRP ARCI members have said that they would like to have a QRP DXCC award structured such that their calls and counts would be published in QST under a QRP category. That was the outcome we were expecting this time. So, if you agree with the idea of the league offering a QRP DXCC, please write your directors and tell them. Also, tell them that the current move is a good first step toward that outcome.

Finally, as for the awards that are offered by QRP ARCI, the club has pushed them for a long time. Check out our web site (<http://www.qrparci.org/>) or a recent edition of the QQ.

72/3,  
Ken W4DU  
QRP ARCI #696, GQRP, NOGA, NORCAL, ARRL-Life

-----  
Date: Fri, 3 Aug 2001 15:09:41 -0700  
From: <schoon@amgt.com>  
To: <qrp-1@Lehigh.EDU>, <wb8rcr@arrl.net>  
Subject: [104157] RE: Homebrew Dials (again)  
Message-ID: <c=US%a=%p=American\_Geotech%l=AG-CALCITE-BD-010803220941Z-2349@ag-basalt-pxy.amgt.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit

John,

There are a few libraries available to output PDF. The PDF spec is available from [www.adobe.com](http://www.adobe.com)... From what I know, PS and PDF are pretty close in specs, so it may not be too difficult to handle.... I was kidding about the Palm version! Although, with a printer that has an IR port..... You could print the thing!

.mark

>-----  
>From: John J. McDonough[SMTP:wb8rcr@arrl.net]  
>Sent: Friday, August 03, 2001 2:53 PM  
>To: Low Power Amateur Radio Discussion  
>Subject: Re: Homebrew Dials (again)  
>  
>----- Original Message -----  
>From: <schoon@amgt.com>  
>Subject: RE: Homebrew Dials (again)  
>  
>  
>> the Cygwin suite. What may be a better default printer format is PDF and  
>> skip PS. PDF format is readable on just about any platform and doesn't  
>> require GS to do it.....  
>  
>I thought about PDF, but I have no documentation on the format, and I'm not  
>even sure the documentation is public. PostScript is well documented and  
>easy for this sort of thing.  
>  
>> So, when's the Palm Pilot version coming out?? :)  
>  
>Believe it or not, I actually have palm-gcc on my Windoze machine. But it's  
>not at all obvious to me how I would make a Palm version useful <g>  
>  
>72/73 de WB8RCR <http://members.home.com/wb8rcr/index.htm>  
>didileydadidah QRP-L #1446 Code Warriors #35  
>  
>  
>  
>  
>  
>

-----  
Date: Fri, 3 Aug 2001 15:41:40 -0700  
From: "blinn" <blinn@smgazette.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [104158] Re: Solar charge controllers?  
Message-ID: <00b301c11c6d\$77e69e20\$73b8e5d8@blinn>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hi John,



I've been trying to find a regulator circuit for a regular battery charger that will handle at least ten amps... no luck. However, I did find what appears to be a good PV regulator circuit.

<http://www.homepower.com/ccgo.htm> This may be just what you are looking for.

I'm wondering if this circuit would work for me at the output of a bridge rectifier? (I can't see why it wouldn't?) Comments anyone.

Bill - WA7TQK

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End of QRP-L Digest 2270

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